

Module Module1

Sub Main()

Console.BackgroundColor = ConsoleColor.DarkCyan

Console.Clear()

Console.ForegroundColor = ConsoleColor.White

Console.CursorLeft = 25

Console.CursorTop = 10

Console.WriteLine(" WELCOME TO LIMU'S CLINIC ")

Console.CursorTop = 12

Console.CursorLeft = 25

Console.WriteLine(" Press any key to continue ")

Console.ReadKey()

Console.Clear()

Dim P1 As New Patients

Console.Write("Enter patient's first name: ")

P1.PName.FName = Console.ReadLine

Do

If P1.AllLetters(P1.PName.FName) = False Then

Console.Beep()

Console.WriteLine("Error in the first name")

Console.Write("Enter patient's first name: ")

P1.PName.FName = Console.ReadLine

End If

Loop Until P1.AllLetters(P1.PName.FName) = True

Console.Write("Enter patient's middle name: ")

P1.PName.MName = Console.ReadLine

Do

If P1.AllLetters(P1.PName.MName) = False Then

Console.Beep()

Console.WriteLine("Error in the middle name")

Console.Write("Enter patient's middle name: ")

P1.PName.MName = Console.ReadLine

End If

Loop Until P1.AllLetters(P1.PName.MName) = True

Console.Write("Enter patient's last name: ")

P1.PName.LName = Console.ReadLine

Do

If P1.AllLetters(P1.PName.LName) = False Then

Console.Beep()

Console.WriteLine("Error in the last name")

Console.Write("Enter patient's last name: ")

P1.PName.LName = Console.ReadLine

End If

Loop Until P1.AllLetters(P1.PName.LName) = True

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Console.WriteLine("Enter patient's day of birth: ")
P1.PDOB.Day = Console.ReadLine
Do
    If P1.DayOfBirth(P1.PDOB.Day) = False Then
        Console.Beep()
        Console.WriteLine("Error in the day of birth")
        Console.WriteLine("Enter patient's day of birth: ")
    End If
    P1.PDOB.Day = Console.ReadLine
Loop Until P1.DayOfBirth(P1.PDOB.Day) = True
Console.WriteLine("Enter patient's month of birth: ")
P1.PDOB.Month = Console.ReadLine
Do
    If P1.MonthOfBirth(P1.PDOB.Month) = False Then
        Console.Beep()
        Console.WriteLine("Error in the month of
birth")
        Console.WriteLine("Enter patient's month of birth: ")
    End If
    P1.PDOB.Month = Console.ReadLine
Loop Until P1.MonthOfBirth(P1.PDOB.Month) = True
Console.WriteLine("Enter patient's year of birth: ")
P1.PDOB.Year = Console.ReadLine
Console.WriteLine("Patient's sex: 1) Female , 2) Male.
Answer with 1 or 2: ")
P1.PSex = Console.ReadLine
If P1.PSex = 1 Then
    P1.PSex = "Female"
ElseIf P1.PSex = 2 Then
    P1.PSex = "Male"
End If
Console.WriteLine("Enter patient's number: ")
P1.PNumber = Console.ReadLine
Do
    If P1.AllNumbers(P1.PNumber) = False Then
        Console.Beep()
        Console.WriteLine("Error in patient's number
")
        Console.WriteLine("Enter patient's number: ")
        P1.PNumber = Console.ReadLine
    End If
Loop Until P1.AllNumbers(P1.PNumber) = True

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```

Console.Write("Enter patient's address: ")
P1.PAdd = Console.ReadLine
Console.Write("Enter patient's phone number: ")
P1.PPhoneNumber = Console.ReadLine
Do
    If P1.PPN(P1.PPhoneNumber) = False Then
        Console.Beep()
        Console.WriteLine("Error in patient's phone
number ")
        Console.Write("Enter patient's phone number:
")
        P1.PPhoneNumber = Console.ReadLine
    End If
Loop Until P1.PPN(P1.PPhoneNumber) = True
Console.Clear()
Dim D1 As New Doctors
Console.Write("Enter doctor's first name: ")
D1.Name.FName = Console.ReadLine
Do
    If D1.AllLetters(D1.Name.FName) = False Then
        Console.Beep()
        Console.WriteLine("Error in the first name")
        Console.Write("Enter doctor's first name: ")
        D1.Name.FName = Console.ReadLine
    End If
Loop Until D1.AllLetters(D1.Name.FName) = True
Console.Write("Enter doctor's middle name: ")
D1.Name.MName = Console.ReadLine
Do
    If D1.AllLetters(D1.Name.MName) = False Then
        Console.Beep()
        Console.WriteLine("Error in the middle name")
        Console.Write("Enter doctor's middle name: ")
        D1.Name.MName = Console.ReadLine
    End If
Loop Until D1.AllLetters(D1.Name.MName) = True
Console.Write("Enter doctor's last name: ")
D1.Name.LName = Console.ReadLine
Do
    If D1.AllLetters(D1.Name.LName) = False Then
        Console.Beep()
        Console.WriteLine("Error in the last name")
        Console.Write("Enter doctor's last name: ")
        D1.Name.LName = Console.ReadLine
    End If
Loop Until D1.AllLetters(D1.Name.LName) = True

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        End If
    Loop Until D1.AllLetters(D1.Name.LName) = True
    Console.Write("Enter doctor's address: ")
    D1.Add = Console.ReadLine
    Console.Write("Enter doctor's phone number: ")
    D1.PhoneNumber = Console.ReadLine
    Do
        If D1.PN(D1.PhoneNumber) = False Then
            Console.Beep()
            Console.WriteLine("Error in the phone number")
            Console.Write("Enter doctor's phone number: ")
            D1.PhoneNumber = Console.ReadLine
        End If
    Loop Until D1.PN(D1.PhoneNumber) = True
    Console.Write("Does the doctor work on Monday? answer
with True or False: ")
    D1.DaysOfWork(0) = Console.ReadLine
    Console.Write("Does the doctor work on Tuesday? answer
with True or False: ")
    D1.DaysOfWork(1) = Console.ReadLine
    Console.Write("Does the doctor work on Wednesday?
answer with True or False: ")
    D1.DaysOfWork(2) = Console.ReadLine
    Console.Write("Does the doctor work on Thursday?
answer with True or False: ")
    D1.DaysOfWork(3) = Console.ReadLine
    Console.Write("Does the doctor work on Friday? answer
with True or False: ")
    D1.DaysOfWork(4) = Console.ReadLine
    Console.Write("Enter the doctor's hours of work: ")
    D1.HoursOfWork = Console.ReadLine
    Console.Write("Did the doctor attend on Monday? answer
with True or False: ")
    D1.Attendance(0) = Console.ReadLine
    Console.Write("Did the doctor attend on Tuesday?
answer with True or False: ")
    D1.Attendance(1) = Console.ReadLine
    Console.Write("Did the doctor attend on Wednesday?
answer with True or False: ")
    D1.Attendance(2) = Console.ReadLine
    Console.Write("Did the doctor attend on Thursday?
answer with True or False: ")
    D1.Attendance(3) = Console.ReadLine

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    Console.WriteLine("Did the doctor attend on Friday? answer
with True or False: ")
    D1.Attendance(4) = Console.ReadLine
    Console.WriteLine("Enter the doctor's salary: ")
    D1.DSalary = Console.ReadLine
    Console.Clear()
    Dim N1 As New Nurses
    Console.WriteLine("Enter nurse's first name: ")
    N1.Name.FName = Console.ReadLine
    Do
        If N1.AllLetters(N1.Name.FName) = False Then
            Console.Beep()
            Console.WriteLine("Error in the first name")
            Console.WriteLine("Enter nurse's first name: ")
            N1.Name.FName = Console.ReadLine
        End If
    Loop Until N1.AllLetters(N1.Name.FName) = True
    Console.WriteLine("Enter nurse's middle name: ")
    N1.Name.MName = Console.ReadLine
    Do
        If N1.AllLetters(N1.Name.MName) = False Then
            Console.Beep()
            Console.WriteLine("Error in the middle name")
            Console.WriteLine("Enter nurse's middle name: ")
            N1.Name.MName = Console.ReadLine
        End If
    Loop Until N1.AllLetters(N1.Name.MName) = True
    Console.WriteLine("Enter nurse's last name: ")
    N1.Name.LName = Console.ReadLine
    Do
        If N1.AllLetters(N1.Name.LName) = False Then
            Console.Beep()
            Console.WriteLine("Error in the last name")
            Console.WriteLine("Enter nurse's last name: ")
            N1.Name.LName = Console.ReadLine
        End If
    Loop Until N1.AllLetters(N1.Name.LName) = True
    Console.WriteLine("Enter nurse's address: ")
    N1.Add = Console.ReadLine
    Console.WriteLine("Enter nurse's phone number: ")
    N1.PhoneNumber = Console.ReadLine
    Do
        If N1.PN(N1.PhoneNumber) = False Then
            Console.Beep()

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        Console.WriteLine("Error in the phone number")
        Console.Write("Enter nurse's phone number: ")
        N1.PhoneNumber = Console.ReadLine
    End If
    Loop Until N1.PN(N1.PhoneNumber) = True
    Console.Write("Does the nurse work on Monday? answer
with True or False: ")
    N1.DaysOfWork(0) = Console.ReadLine
    Console.Write("Does the nurse work on Tuesday? answer
with True or False: ")
    N1.DaysOfWork(1) = Console.ReadLine
    Console.Write("Does the nurse work on Wednesday?
answer with True or False: ")
    N1.DaysOfWork(2) = Console.ReadLine
    Console.Write("Does the nurse work on Thursday? answer
with True or False: ")
    N1.DaysOfWork(3) = Console.ReadLine
    Console.Write("Does the nurse work on Friday? answer
with True or False: ")
    N1.DaysOfWork(4) = Console.ReadLine
    Console.Write("Enter the nurse's hours of work: ")
    N1.HoursOfWork = Console.ReadLine
    Console.Write("Did the nurse attend on Monday? answer
with True or False: ")
    N1.Attendance(0) = Console.ReadLine
    Console.Write("Did the nurse attend on Tuesday? answer
with True or False: ")
    N1.Attendance(1) = Console.ReadLine
    Console.Write("Did the nurse attend on Wednesday?
answer with True or False: ")
    N1.Attendance(2) = Console.ReadLine
    Console.Write("Did the nurse attend on Thursday?
answer with True or False: ")
    N1.Attendance(3) = Console.ReadLine
    Console.Write("Did the nurse attend on Friday? answer
with True or False: ")
    N1.Attendance(4) = Console.ReadLine
    Console.Write("Enter the nurse's salary: ")
    N1.NSalary = Console.ReadLine
    Console.Clear()
    Dim I1 As New Interns
    Console.Write("Enter intern's first name: ")
    I1.IName.FName = Console.ReadLine
    Do

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    If I1.AllLetters(I1.IName.FName) = False Then
        Console.Beep()
        Console.WriteLine("Error in the first name")
        Console.Write("Enter intern's first name: ")
        I1.IName.FName = Console.ReadLine
    End If
Loop Until I1.AllLetters(I1.IName.FName) = True
Console.Write("Enter intern's middle name: ")
I1.IName.MName = Console.ReadLine
Do
    If I1.AllLetters(I1.IName.MName) = False Then
        Console.Beep()
        Console.WriteLine("Error in the middle name")
        Console.Write("Enter intern's middle name: ")
        I1.IName.MName = Console.ReadLine
    End If
Loop Until I1.AllLetters(I1.IName.MName) = True
Console.Write("Enter intern's last name: ")
I1.IName.LName = Console.ReadLine
Do
    If I1.AllLetters(I1.IName.LName) = False Then
        Console.Beep()
        Console.WriteLine("Error in the last name")
        Console.Write("Enter intern's last name: ")
        I1.IName.LName = Console.ReadLine
    End If
Loop Until I1.AllLetters(I1.IName.LName) = True
Console.Write("Enter intern's address: ")
I1.IAdd = Console.ReadLine
Console.Write("Enter intern's phone number: ")
I1.IPhoneNumber = Console.ReadLine
Do
    If I1.PN(I1.IPhoneNumber) = False Then
        Console.Beep()
        Console.WriteLine("Error in the phone number")
        Console.Write("Enter intern's phone number: ")
        I1.IPhoneNumber = Console.ReadLine
    End If
Loop Until I1.PN(I1.IPhoneNumber) = True
Console.Write("Enter intern's studying year: ")
I1.IYear = Console.ReadLine
Console.Write("Enter intern's partner's first name: ")
I1.IPartner.FName = Console.ReadLine
Do

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        If I1.AllLetters(I1.IPartner.FName) = False Then
            Console.Beep()
            Console.WriteLine("Error in the first name")
            Console.Write("Enter intern's partner's first
name: ")
            I1.IPartner.FName = Console.ReadLine
        End If
    Loop Until I1.AllLetters(I1.IPartner.FName) = True
    Console.Write("Enter intern's partner's middle name:
")
    I1.IPartner.MName = Console.ReadLine
    Do
        If I1.AllLetters(I1.IPartner.MName) = False Then
            Console.Beep()
            Console.WriteLine("Error in the middle name")
            Console.Write("Enter intern's partner's middle
name: ")
            I1.IPartner.MName = Console.ReadLine
        End If
    Loop Until I1.AllLetters(I1.IPartner.MName) = True
    Console.Write("Enter intern's partner's last name: ")
    I1.IPartner.LName = Console.ReadLine
    Do
        If I1.AllLetters(I1.IPartner.LName) = False Then
            Console.Beep()
            Console.WriteLine("Error in the last name")
            Console.Write("Enter intern's partner's last
name: ")
            I1.IPartner.LName = Console.ReadLine
        End If
    Loop Until I1.AllLetters(I1.IPartner.LName) = True
    Console.Clear()
    Dim Choice As Integer
    Dim Choice2 As Integer
    Dim Choice3 As Integer
    Dim Choice4 As Integer
    Dim Choice5 As Integer
    Do
        Console.BackgroundColor = ConsoleColor.DarkCyan
        Console.Clear()
        Console.ForegroundColor = ConsoleColor.White
        Console.WriteLine("Choose one of the following: ")

Console.WriteLine("_____")

```



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        Console.WriteLine("1) Patients")
        Console.WriteLine("2) Doctors")
        Console.WriteLine("3) Nurses")
        Console.WriteLine("4) Interns")
        Console.WriteLine("5) Exit")

Console.WriteLine("_____")
    Choice = Console.ReadLine
    Select Case Choice
        Case 1
            Console.Clear()
            Do
                Console.BackgroundColor =
ConsoleColor.DarkCyan
                Console.Clear()
                Console.ForegroundColor =
ConsoleColor.White
                Console.WriteLine("Choose one of the
following: ")

Console.WriteLine("_____")
                Console.WriteLine("1) Print the
patient's full name")
                Console.WriteLine("2) Print the
patient's date of birth")
                Console.WriteLine("3) Print the
patient's age")
                Console.WriteLine("4) Print the
patient's sex")
                Console.WriteLine("5) Print the
patient's number")
                Console.WriteLine("6) Print the
patient's address")
                Console.WriteLine("7) Print the
patient's phone number")
                Console.WriteLine("8) Exit")

Console.WriteLine("_____")

                Choice2 = Console.ReadLine
                Select Case Choice2
                    Case 1
                        Console.Clear()

```

```

        Console.WriteLine("The
Patient's full name is: " & P1.PName.GetFullName)
        Console.ReadKey()
    Case 2
        Console.Clear()
        Console.WriteLine("The
Patient's date of birth is: " & P1.PDOB.GetDOB)
        Console.ReadKey()
    Case 3
        Console.Clear()
        Console.WriteLine("The
Patient's age is: " & P1.GetPAge)
        Console.ReadKey()
    Case 4
        Console.Clear()
        Console.WriteLine("The
Patient's sex is: " & P1.PSex)
        Console.ReadKey()
    Case 5
        Console.Clear()
        Console.WriteLine("The
Patient's number is: " & P1.PNumber)
        Console.ReadKey()
    Case 6
        Console.Clear()
        Console.WriteLine("The
Patient's address is: " & P1.PAdd)
        Console.ReadKey()
    Case 7
        Console.Clear()
        Console.WriteLine("The
Patient's phone number is: " & P1.PPhoneNumber)
        Console.ReadKey()
    Case 8
        Exit Select
    Case Else
        Console.Clear()
        Console.BackgroundColor =
ConsoleColor.Red
        Console.Beep()
        Console.Clear()
        Console.ForegroundColor =
ConsoleColor.Black
        Console.CursorLeft = 33

```

```

1011")
        Console.CursorTop = 10
        Console.WriteLine("Error

        Console.CursorLeft = 20
        Console.WriteLine("Please
choose a number from the list")
        Console.ReadKey()
    End Select
    Loop Until Choice2 = 8
    Case 2
        Console.Clear()
        Do
            Console.BackgroundColor =
ConsoleColor.DarkCyan
            Console.Clear()
            Console.ForegroundColor =
ConsoleColor.White
            Console.WriteLine("Choose one of the
following: ")
            Console.WriteLine("_____")
            Console.WriteLine("1) Print the
doctor's full name")
            Console.WriteLine("2) Print the
doctor's address")
            Console.WriteLine("3) Print the
doctor's phone number")
            Console.WriteLine("4) Print the
doctor's days of work")
            Console.WriteLine("5) Print the
doctor's hours of work")
            Console.WriteLine("6) Print the
doctor's annual basic salary")
            Console.WriteLine("7) Print the
doctor's cut off")
            Console.WriteLine("8) Exit")
            Console.WriteLine("_____")

            Choice3 = Console.ReadLine
            Select Case Choice3
                Case 1
                    Console.Clear()

```

```

        Console.WriteLine("The
doctor's full name is: " & D1.Name.GetFullName)
        Console.ReadKey()
    Case 2
        Console.Clear()
        Console.WriteLine("The
doctor's address is: " & D1.Address)
        Console.ReadKey()
    Case 3
        Console.Clear()
        Console.WriteLine("The
doctor's phone number is: " & D1.PhoneNumber)
        Console.ReadKey()
    Case 4
        Console.Clear()
        For i = 0 To
D1.DaysOfWork.Length - 2
            If D1.DaysOfWork(i) = True
                Console.WriteLine("The
doctor works on Monday")
            ElseIf D1.DaysOfWork(i) =
                Console.WriteLine("The
doctor works on Tuesday")
            ElseIf D1.DaysOfWork(i) =
                Console.WriteLine("The
doctor works on Wednesday")
            ElseIf D1.DaysOfWork(i) =
                Console.WriteLine("The
doctor works on Thursday")
            ElseIf D1.DaysOfWork(i) =
                Console.WriteLine("The
doctor works on Friday")
            End If
        Next
        Console.ReadKey()
    Case 5
        Console.Clear()
        Console.WriteLine("The
doctor's hours of work: " & D1.HoursOfWork)

```

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        Console.ReadKey()
    Case 6
        Console.Clear()
        Console.WriteLine("The
doctor's annual basic salary is: " & D1.GetDAnnualBasicSalary)
        Console.ReadKey()
    Case 7
        Console.Clear()
        Console.WriteLine("The
doctor's cut off is: " & D1.DSCutOff())
        Console.ReadKey()
    Case 8
        Exit Select
    Case Else
        Console.Clear()
        Console.BackgroundColor =
ConsoleColor.Red

        Console.Beep()
        Console.Clear()
        Console.ForegroundColor =
ConsoleColor.Black

        Console.CursorLeft = 33
        Console.CursorTop = 10
        Console.WriteLine("Error
1011")

        Console.CursorLeft = 20
        Console.WriteLine("Please
choose a number from the list")
        Console.ReadKey()
    End Select
    Loop Until Choice3 = 8
Case 3
    Console.Clear()
    Do
        Console.BackgroundColor =
ConsoleColor.DarkCyan

        Console.Clear()
        Console.ForegroundColor =
ConsoleColor.White

        Console.WriteLine("Choose one of the
following: ")

        Console.WriteLine("_____")

```

```

nurse's full name")
        Console.WriteLine("1) Print the
nurse's address")
        Console.WriteLine("2) Print the
nurse's phone number")
        Console.WriteLine("3) Print the
nurse's days of work")
        Console.WriteLine("4) Print the
nurse's hours of work")
        Console.WriteLine("5) Print the
nurse's annual basic salary")
        Console.WriteLine("6) Print the
nurse's cut off")
        Console.WriteLine("7) Print the
nurse's cut off")
        Console.WriteLine("8) Exit")

Console.WriteLine("_____")

        Choice4 = Console.ReadLine
        Select Case Choice4
            Case 1
                Console.Clear()
                Console.WriteLine("The nurse's
full name is: " & N1.Name.GetFullName)
                Console.ReadKey()
            Case 2
                Console.Clear()
                Console.WriteLine("The nurse's
address is: " & N1.Add)
                Console.ReadKey()
            Case 3
                Console.Clear()
                Console.WriteLine("The nurse's
phone number is: " & N1.PhoneNumber)
                Console.ReadKey()
            Case 4
                Console.Clear()
                For i = 0 To
N1.DaysOfWork.Length - 2
                    If N1.DaysOfWork(i) = True
And i = 0 Then
                        Console.WriteLine("The
nurse works on Moday")

```

```

True And i = 1 Then
nurse works on Tuesday")
True And i = 2 Then
nurse works on Wednesday")
True And i = 3 Then
nurse works on Thursday")
True And i = 4 Then
nurse works on Friday")

ElseIf N1.DaysOfWork(i) =
    Console.WriteLine("The
ElseIf N1.DaysOfWork(i) =
    Console.WriteLine("The
ElseIf N1.DaysOfWork(i) =
    Console.WriteLine("The
ElseIf N1.DaysOfWork(i) =
    Console.WriteLine("The
End If
Next
Console.ReadKey()
Case 5
Console.Clear()
Console.WriteLine("The nurse's
hours of work: " & N1.HoursOfWork)
Console.ReadKey()
Case 6
Console.Clear()
Console.WriteLine("The nurse's
annual basic salary is: " & N1.GetNAnnualBasicSalary)
Console.ReadKey()
Case 7
Console.Clear()
Console.WriteLine("The nurse's
cut off is: " & N1.NSCutOff())
Console.ReadKey()
Case 8
Exit Select
Case Else
Console.Clear()
Console.BackgroundColor =
ConsoleColor.Red
Console.Beep()
Console.Clear()
Console.ForegroundColor =
ConsoleColor.Black

```

```

        Console.CursorLeft = 33
        Console.CursorTop = 10
        Console.WriteLine("Error
1011")

        Console.CursorLeft = 20
        Console.WriteLine("Please
choose a number from the list")
        Console.ReadKey()
    End Select
Loop Until Choice4 = 8
Case 4
    Console.Clear()
    Do
        Console.BackgroundColor =
ConsoleColor.DarkCyan
        Console.Clear()
        Console.ForegroundColor =
ConsoleColor.White
        Console.WriteLine("Choose one of the
following: ")

        Console.WriteLine("_____")
        Console.WriteLine("1) Print the
intern's full name")
        Console.WriteLine("2) Print the
intern's address")
        Console.WriteLine("3) Print the
intern's phone number")
        Console.WriteLine("4) Print the
intern's year of study")
        Console.WriteLine("5) Print the
intern's partner's full name")
        Console.WriteLine("6) Exit")

        Console.WriteLine("_____")

        Choice5 = Console.ReadLine
        Select Case Choice5
            Case 1
                Console.Clear()
                Console.WriteLine("The
intern's full name is: " & I1.IName.GetFullName)
                Console.ReadKey()
            Case 2

```



```

        Console.Clear()
        Console.WriteLine("The
intern's address is: " & I1.IAdd)
        Console.ReadKey()
    Case 3
        Console.Clear()
        Console.WriteLine("The
intern's phone number is: " & I1.IPhoneNumber)
        Console.ReadKey()
    Case 4
        Console.Clear()
        Console.WriteLine("The
intern's year of study is: " & I1.IYear)
        Console.ReadKey()
    Case 5
        Console.Clear()
        Console.WriteLine("The
intern's partner's full name is: " & I1.IPartner.GetFullName)
        Console.ReadKey()
    Case 6
        Exit Select
    Case Else
        Console.Clear()
        Console.BackgroundColor =
ConsoleColor.Red
        Console.Beep()
        Console.Clear()
        Console.ForegroundColor =
ConsoleColor.Black
        Console.CursorLeft = 33
        Console.CursorTop = 10
        Console.WriteLine("Error
1011")
        Console.CursorLeft = 20
        Console.WriteLine("Please
choose a number from the list")
        Console.ReadKey()
    End Select
    Loop Until Choice5 = 6
Case 5
    Exit Select
Case Else
    Console.Clear()
    Console.BackgroundColor = ConsoleColor.Red

```

```

        Console.Beep()
        Console.Clear()
        Console.ForegroundColor =
ConsoleColor.Black
        Console.CursorLeft = 33
        Console.CursorTop = 10
        Console.WriteLine("Error 1011")
        Console.CursorLeft = 20
        Console.WriteLine("Please choose a number
from the list")
        Console.ReadKey()
    End Select
    Loop Until Choice = 5
    Console.ReadKey()
End Sub
Public Class HumanName
    Public FName As String
    Public MName As String
    Public LName As String
    Public Function GetFullName() As String
        Return FName & " " & MName & " " & LName
    End Function
End Class
Public Class DateOfBirth
    Public Day As Integer
    Public Month As Integer
    Public Year As Integer
    Public Function GetDOB() As String
        Return Day & "/" & Month & "/" & Year
    End Function
End Class
Public Class Patients
    Public PName As New HumanName
    Public PDOB As New DateOfBirth
    Public PSex As String
    Public PNumber As String
    Public PAdd As String
    Public PPhoneNumber As String
    Public Function AllLetters(N As String) As Boolean
        For i = 1 To Len(N)
            If IsNumeric(Mid(N, i, 1)) Then
                Return False
            End If
        Next
    End Function
End Class

```

```

        Return True
    End Function
    Public Function AllNumbers(A As String) As Boolean
        For i = 1 To Len(A)
            If Not IsNumeric(Mid(A, i, 1)) Then
                Return False
            End If
        Next
        Return True
    End Function
    Public Function GetPAge() As Integer
        Return Today.Year - PDOB.Year
    End Function
    Public Function DayOfBirth(D As String) As Boolean
        If D < 0 Or D > 31 Then
            Return False
        Else
            Return True
        End If
        Return False
    End Function
    Public Function MonthOfBirth(D As String) As Boolean
        If D < 0 Or D > 12 Then
            Return False
        Else
            Return True
        End If
        Return False
    End Function
    Public Function PPN(N As String) As Boolean
        If Len(N) = 10 Then
            For i = 1 To Len(N)
                If Not IsNumeric(Mid(N, i, 1)) Then
                    Return False
                End If
            Next
        Else
            Return False
        End If
        Return True
    End Function
End Class
Public Class MedicalStaff
    Public Name As New HumanName

```

```

Public Add As String
Public PhoneNumber As String
Public DaysOfWork(5) As Boolean
Public HoursOfWork As Single
Public Attendance(5) As Boolean
Public Function AllLetters(N As String) As Boolean
    For i = 1 To Len(N)
        If IsNumeric(Mid(N, i, 1)) Then
            Return False
        End If
    Next
    Return True
End Function
Public Function PN(N As String) As Boolean
    If Len(N) = 10 Then
        For i = 1 To Len(N)
            If Not IsNumeric(Mid(N, i, 1)) Then
                Return False
            End If
        Next
    Else
        Return False
    End If
    Return True
End Function
End Class
Public Class Doctors
    Inherits MedicalStaff
    Public DSalary As Double
    Public DCutOff As Single = (DSalary / 26)
    Public Function GetDAnnualBasicSalary() As Double
        Return DSalary * 12
    End Function
    Public Function DSCutOff() As Single
        For i = 0 To 5
            If DaysOfWork(i) = True And Attendance(i) =
False Then
                DSalary = DSalary - (DSalary / 26)
            End If
        Next
        Return DSalary
    End Function
End Class
Public Class Nurses

```

```

Inherits MedicalStaff
Public NSalary As Double
Public NCutOff As Single = (NSalary / 26)
Public Function GetNAnnualBasicSalary() As Double
    Return NSalary * 12
End Function
Public Function NSCutOff() As Single
    For i = 0 To 5
        If DaysOfWork(i) = True And Attendance(i) =
False Then
            NSalary = NSalary - (NSalary / 26)
        End If
    Next
    Return NSalary
End Function
End Class
Public Class Interns
Public IName As New HumanName
Public IAdd As String
Public IPhoneNumber As String
Public IYear As String
Public IPartner As New HumanName
Public Function AllLetters(N As String) As Boolean
    For i = 1 To Len(N)
        If IsNumeric(Mid(N, i, 1)) Then
            Return False
        End If
    Next
    Return True
End Function
Public Function PN(N As String) As Boolean
    If Len(N) = 10 Then
        For i = 1 To Len(N)
            If Not IsNumeric(Mid(N, i, 1)) Then
                Return False
            End If
        Next
    Else
        Return False
    End If
    Return True
End Function
End Class
End Module

```