Public Class Form1

Dim playerTotal As Integer

Dim computerTotal As Integer

Dim computerCard1 As Integer

Dim computerCard2 As Integer

Dim computerCard3 As Integer

Dim playerCard1 As Integer

Dim playerCard2 As Integer

Private Sub PlayGameToolStripMenuItem\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles PlayGameToolStripMenuItem.Click

playerTotal = 0

computerTotal = 0

Me.lblPlayerDrewCard.Text = Nothing

Me.lblComputersScore.Text = Nothing

'Deal cards to player

Randomize()

playerCard1 = Int(10 \* Rnd() + 1)

playerCard2 = Int(10 \* Rnd() + 1)

Me.lblPlayerCard1.Text = playerCard1

Me.lblPlayerCard2.Text = playerCard2

playerTotal = playerCard1 + playerCard2

'Determine computer cards

computerCard1 = Int(10 \* Rnd() + 1)

computerCard2 = Int(10 \* Rnd() + 1)

computerCard3 = Int(10 \* Rnd() + 1)

Me.lblComputerCard1.Text = "\*" 'hide cards for now

Me.lblComputerCard2.Text = "\*"

Me.lblComputerCard3.Text = "\*"

computerTotal = computerCard1 + computerCard2 + computerCard3

Me.lblPlayersScore.Text = playerTotal

End Sub

Private Sub btnCheckScores\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnCheckScores.Click

Me.lblComputerCard1.Text = computerCard1

Me.lblComputerCard2.Text = computerCard2

Me.lblComputerCard3.Text = computerCard3

Me.lblComputersScore.Text = computerTotal

If computerTotal > 21 And playerTotal > 21 Then 'draw, both players over 21

MessageBox.Show("Both players went over 21. It is a draw")

ElseIf computerTotal > playerTotal And computerTotal <= 21 Then 'computer has higher score and wins

MessageBox.Show("Computer wins.")

ElseIf playerTotal > computerTotal And playerTotal <= 21 Then 'player has higher score and wins

MessageBox.Show("Player wins.")

ElseIf playerTotal = computerTotal And playerTotal <= 21 And \_

computerTotal <= 21 Then 'draw, scores are equal

MessageBox.Show("Both scores are equal. It is a draw")

ElseIf playerTotal > 21 Then 'player went over 21

MessageBox.Show("Player went over 21. Computer wins.")

Else 'computer went over 21

MessageBox.Show("Computer went over 21. Player wins.")

End If

End Sub

Private Sub btnDrawCard\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnDrawCard.Click

Dim drawCard As Integer = Int(10 \* Rnd()) + 1

Me.lblPlayerDrewCard.Text = drawCard

playerTotal = playerCard1 + playerCard2 + drawCard

Me.lblPlayersScore.Text = playerTotal

End Sub

Private Sub ExitToolStripMenuItem\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ExitToolStripMenuItem.Click

Application.Exit()

End Sub

Private Sub Form1\_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

End Sub

Private Sub lblPlayerCard1\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles lblPlayerCard1.Click

End Sub

End Class