Lab (Elseif Select Case statements)

q1) Test even or odd (use of if statement)

Private Sub Command1_Click()
' test even or odd
Dim x As Integer
x = InputBox("Enter your number", "Input")
If x Mod 2 = 0 Then
Print x, " Even"
Else
Print x, " Odd"
End If
End Sub

q2) The use of elseif statement

Private Sub Command1_Click()
Dim g As Integer

g = InputBox("Enter student Grade","ST grade")

If g<=100 and g>=0 then

If g >= 90 And g <= 100 Then
Print "Student Grade A"
ElseIf g >= 80 And g < 90 Then
Print " Student Grade B"
ElseIf g >= 70 And g < 80 Then
Print " Student Grade C"
ElseIf g >= 60 And g < 70 Then
Print " Student Grade D"
Else
Print " Student Grade F"
End If

else

Print “Out of Range”
End If
End Sub
q3) Repeat q2 using Select Case statement

q4) Trace the following codes.

```vbnet
Dim i as Boolean
i = True
If Not i Then Print "My first exam in programming"
Dim j As Byte, x As Single, y As Integer
j = 6
y = -6
x = (3 ^ 2 + j) / (1.5 - 1) + (y) Mod 3
Print "X=", x
x = (3 ^ 2 + j) / ((1.5 - 1) + (5) Mod 3)
Print "X=", x

Dim i As Integer
i = 5
If (i Mod 3 + 2) = 0 Then
    Print i
End If
If (i Mod (3 + 2)) = 0 Then
    Print i + 5
End If

Dim avg As Single, i As Single, zero As Integer
i = 100 / 8
zero = i - 13
avg = i / zero
```