Change the name of the “STARTUP OBJECT” from “Module1” to “MovieGuide”.

Try Catch is to catch problems that cannot be done by normal logic.

There is a problem with how the loop is written.

' MovieGuide.vb - This program allows each theater patron to enter a value from 0 to 4 indicating the number of stars that the patron awards to the Guide's featured movie of the week. The program executes continuously until the theater manager enters a negative number to quit. At the end of the program, the average star rating for the movie is displayed.

Module MovieGuide
Sub Main()
' Declarations
Dim NumStars As Integer ' Star rating
Dim NumStarsString As String ' String version of star rating
Dim AverageStars As Double ' Average star rating
Dim TotalStars As Double = 0 ' Total of star ratings
Dim NumPatrons As Integer = 0 ' Keep track of number of patrons

' This is the work done in the housekeeping() procedure
NumStarsString = InputBox$("Enter rating for featured movie: ")
' This is the work done in the detailLoop() procedure
NumStars = Convert.ToInt32(NumStarsString) ' Convert to Integer
Do While NumStars >= 0 ' Test for loop entry
    TotalStars += NumStars ' Accumulate total of star ratings
    NumPatrons = NumPatrons + 1 ' Add 1 to number of patrons
    NumStarsString = InputBox$("Enter rating for featured movie: ")
    NumStars = Convert.ToInt32(NumStarsString)
Loop ' End of while loop
' This is the work done in the endOfJob procedure
AverageStars = TotalStars / NumPatrons
System.Console.WriteLine("Average Star Value: " & AverageStars)
End Sub ' End of Main() procedure
End Module
Module MovieGuide
Sub Main()
    ' Declarations
    Dim NumStars As Integer   ' Star rating
    Dim NumStarsString As String   ' String version of star rating
    Dim AverageStars As Double   ' Average star rating
    Dim TotalStars As Double = 0   ' Total of star ratings
    Dim NumPatrons As Integer = 0   ' Keep track of number of patrons

    ' This is the work done in the housekeeping() procedure
    NumStarsString = InputBox$("Enter rating for featured movie: ")
    ' This is the work done in the detailLoop() procedure
    Do While NumStars >= 0  ' Convert to Integer
        TotalStars += NumStars  ' Accumulate total of star ratings
        NumPatrons += NumPatrons + 1  ' Add 1 to number of patrons
        NumStarsString = InputBox$("Enter rating for featured movie: ")
    Loop  ' End of while loop
    ' This is the work done in the endOfJob procedure
    AverageStars = TotalStars / NumPatrons
    Console.WriteLine("Average Star Value: " & AverageStars)
End Sub  ' End of Main() procedure
End Module  ' End of MovieGuide module
Module MovieGuide
  Sub Main()
    ' Declarations
    Dim NumStars As Integer  ' Star rating
    Dim NumStarsString As String  ' String version of star rating
    Dim AverageStars As Double  ' Average star rating
    Dim TotalStars As Double = 0  ' Total of star ratings
    Dim NumPatrons As Integer = 0  ' Keep track of number of patrons

    Try
      ' This is the work done in the housekeeping() procedure
      NumStarsString = InputBox$("Enter rating for featured movie: ")
      ' This is the work done in the detailLoop() procedure
      NumStars = Convert.ToInt32(NumStarsString)  ' Convert to Integer
      Catch ex As Exception
        MsgBox("You can only enter the numbers 1 through 4")
    End Try

    While NumStars >= 0  ' Test for loop entry
      TotalStars += NumStars  ' Accumulate total of star ratings
      NumPatrons = NumPatrons + 1  ' Add 1 to number of patrons
      Try
        NumStarsString = InputBox$("Enter rating for featured movie: ")
        NumStars = Convert.ToInt32(NumStarsString)
        Catch ex As Exception
          MsgBox("You can only enter the numbers 1 through 4")
      End Try
    End While  ' End of while loop

    ' This is the work done in the endOfJob procedure
    AverageStars = TotalStars / NumPatrons
    Console.WriteLine("Average Star Value: ", AverageStars)
  End Sub  ' End of Main() procedure
End Module
Module MovieGuide

Sub Main()
    ' Declarations
    Dim NumStars As Integer    ' Star rating
    Dim NumStarsString As String    ' String version of star rating
    Dim AverageStars As Double    ' Average star rating
    Dim TotalStars As Double = 0    ' Total of star ratings
    Dim NumPatrons As Integer = 0    ' Keep track of number of patrons

    If Not (NumStarsString = 1 Or NumStarsString = 2 Or NumStarsString = 3 Or NumStarsString = 4) Then
        Try
            ' This is the work done in the housekeeping() procedure
            NumStarsString = InputBox$("Enter rating for featured movie: ")
            ' This is the work done in the detailLoop() procedure
            NumStars = Convert.ToInt32(NumStarsString)    ' Convert to Integer
        Catch ex As Exception
            MsgBox("You can only enter the numbers 1 through 4")
        End Try
    End If

    While NumStars >= 0    ' Test for loop entry
        TotalStars += NumStars    ' Accumulate total of star ratings
        NumPatrons = NumPatrons + 1    ' Add 1 to number of patrons
        Try
            If Not (NumStarsString = 1 Or NumStarsString = 2 Or NumStarsString = 3 Or NumStarsString = 4) Then
                MsgBox("You can only enter the numbers 1 through 4")
            End If
            NumStarsString = InputBox$("Enter rating for featured movie: ")
            NumStars = Convert.ToInt32(NumStarsString)
        Catch ex As Exception
            MsgBox("You can only enter the numbers 1 through 4")
        End Try
    End While    ' End of while loop

    ' This is the work done in the endOfJob procedure
    AverageStars = TotalStars / NumPatrons
    Console.WriteLine("Average Star Value: " & AverageStars)
End Sub    ' End of Main() procedure
End Module
Module MovieGuide1

Sub Main()
    ' Declarations
    Dim NumStars As Integer     ' Star rating
    Dim NumStarsString As String  ' String version of star rating
    Dim AverageStars As Double  ' Average star rating
    Dim TotalStars As Double = 0  ' Total of star ratings
    Dim NumPatrons As Integer = 0  ' Keep track of number of patrons
    Dim ValidInputChar As String = "1,2,3,4"

    Try
        ' This is the work done in the housekeeping() procedure
        NumStarsString = InputBox$("Enter rating for featured movie: ")
        ' This is the work done in the detailLoop() procedure
        NumStars = Convert.ToInt32(NumStarsString)  ' Convert to Integer
        Catch ex As Exception
            MsgBox("You can only enter the numbers 1 through 4")
    End Try

    While NumStars >= 1 And NumStars <= 4  ' Test for loop entry
        TotalStars += NumStars  ' Accumulate total of star ratings
        NumPatrons = NumPatrons + 1  ' Add 1 to number of patrons
        Try
            NumStarsString = InputBox$("Enter rating for featured movie: ")
            NumStars = Convert.ToInt32(NumStarsString)
            Catch ex As Exception
                MsgBox("You can only enter the numbers 1 through 4")
        End Try
    End While  ' End of while loop

    ' This is the work done in the endOfJob procedure
    AverageStars = TotalStars / NumPatrons
    Console.WriteLine("Average Star Value: " & AverageStars)

End Sub  ' End of Main() procedure
End Module
Module MovieGuide1
Sub Main()
' Declarations
Dim NumStars As Integer ' Star rating
Dim NumStarsString As String ' String version of star rating
Dim AverageStars As Double ' Average star rating
Dim TotalStars As Double = 0 ' Total of star ratings
Dim NumPatrons As Integer = 0 ' Keep track of number of patrons
Try
' This is the work done in the housekeeping() procedure
NumStarsString = InputBox$("Enter rating for featured movie: ")
' This is the work done in the detailLoop() procedure
NumStars = Convert.ToInt32(NumStarsString) ' Convert to Integer
Catch ex As Exception
MsgBox("You can only enter the numbers 1 through 4")
End Try
While NumStars >= 1 And NumStars <= 4 ' Test for loop entry
TotalStars += NumStars ' Accumulate total of star ratings
NumPatrons = NumPatrons + 1 ' Add 1 to number of patrons
Try
NumStarsString = InputBox$("Enter rating for featured movie: ")
NumStars = Convert.ToInt32(NumStarsString)
Catch ex As Exception
MsgBox("You can only enter the numbers 1 through 4")
End Try
End While ' End of while loop

' This is the work done in the endOfJob procedure
AverageStars = TotalStars / NumPatrons
Console.WriteLine("Average Star Value: ", AverageStars)

End Sub ' End of Main() procedure
End Module