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**Task-1.1 Visual Basic**

Sub Main()

Dim MemberId As Integer

Dim Name As String

Dim moreRecs As Char

moreRecs = "Y"

FileOpen(1, "G:\PracticeFile\sRec.txt", OpenMode.Output)

Do

Console.Write("Enter MemberId :")

MemberId = Console.ReadLine

Console.Write("Enter Member Name :")

Name = Console.ReadLine

WriteLine(1, MemberId)

WriteLine(1, Name)

Console.Write("Want to ad next record? Y/N: ")

moreRecs = Console.ReadLine

Loop Until moreRecs = N OR moreRecs = n

FileClose(1)

Console.ReadKey()

End Sub

**Task 1.1 Pseudocode**

DECLARE MemberID : INTEGER

DECLARE NAME : STRING

DECLARE moreRecs : BOOLEAN

MemberID = 0

Name = ""

more = FALSE

OPENFILE "MemberRec.txt" FOR OUTPUT

REPEAT

OUTPUT "Enter Member ID: "

INPUT MemberID

OUTPUT "Enter Member Name: "

INPUT Name

WRITEFILE "MemberRec.txt", MemberID

WRITEFILE "MemberRec.txt", Name

OUTPUT "Do you want to add more records? (Y/N)"

INPUT moreRecs

UNTIL moreRecs = 'N' OR moreRecs = 'n'

CLOSEFILE "MemberRec.txt"

**Task-1.2 Visual Basic**

Sub Main()

Dim MemberID As Integer

Dim Name As String

FileOpen(1, "G:\PracticeFile\MemberRec.txt", OpenMode.Input)

While Not EOF(1)

Input(1, MemberID)

Input(1, Name)

Console.WriteLine("Member ID :" & MemberID)

Console.WriteLine("Member Name :" & Name)

End While

End Sub

**Task 1.2 Pseudocode**

DECLARE MemberID : INTEGER

DECLARE Name : STRING

OPENFILE "MemberRec.txt" FOR INPUT

WHILE NOT EOF("MemberRec.txt")

READFILE "MemberRec.txt", MemberID

READFILE "MemberRec.txt", Name

OUTPUT "Member ID: ", MimberID

OUTPUT "Member name: ", Name

ENDWHILE

CLOSEFILE "MemberRec.txt"

**Task-1.3 Visual Basic**

Sub Main()

Dim MemberID, searchMemberID As Integer

Dim Name As String

Dim isFound As Boolean

isFound = False

Console.Write("Enter Member ID to search for :")

searchMemberID = Console.ReadLine

FileOpen(1, "G:\PracticeFile\MemberRec.txt", OpenMode.Input)

While Not EOF(1) And isFound = False

Input(1, MemberID)

Input(1, Name)

If MemberID = searchMemberID Then

isFound = True

Console.WriteLine("Member ID :" & MemberID)

Console.WriteLine("Member name :" & Name)

End If

End While

FileClose(1)

If isFound = False Then Console.WriteLine("Record not found...")

Console.ReadKey()

End Sub

**Task 1.3 Pseudocode**

DECLARE MemberID : INTEGER

DECLARE Name : STRING

DECLARE isFound : BOOLEAN

DECLARE searchMemberID : INTEGER

isFound = FALSE

INPUT "Enter Member ID to serch :", searchMemberID

OPENFILE "MemberRec.txt" FOR INPUT

WHILE NOT EOF("MemberRec.txt") AND isFound=FALSE

READFILE "MemberRec.txt", MemberID

READFILE "MemberRec.txt", Name

IF MemberID = searchMemberID

THEN

isFound = TRUE

OUTPUT "Roll number: ", MemberID

OUTPUT "Student name: ", Name

ENDIF

ENDWHILE

CLOSEFILE "MemberRec.txt"

IF isFound = FALSE THEN OUTPUT "Not found..."

**Task-1.4 Visual Basic**

Sub Main()

Dim MemberId As Integer

Dim Name As String

Dim moreRecs As Char

moreRecs = "Y"

FileOpen(1, "G:\PracticeFile\sRec.txt", OpenMode.appending)

Do

Console.Write("Enter MemberId :")

MemberId = Console.ReadLine

Console.Write("Enter Member Name :")

Name = Console.ReadLine

WriteLine(1, MemberId)

WriteLine(1, Name)

Console.Write("Want to ad next record? Y/N: ")

moreRecs = Console.ReadLine

Loop Until moreRecs = N OR moreRecs = n

FileClose(1)

Console.ReadKey()

End Sub

**Task 1.4 Pseudocode**

DECLARE MemberID : INTEGER

DECLARE NAME : STRING

DECLARE moreRecs : BOOLEAN

MemberID = 0

Name = ""

more = FALSE

OPENFILE "MemberRec.txt" FOR APPEND

REPEAT

OUTPUT "Enter Member ID: "

INPUT MemberID

OUTPUT "Enter Member Name: "

INPUT Name

WRITEFILE "MemberRec.txt", MemberID

WRITEFILE "MemberRec.txt", Name

OUTPUT "Do you want to add more records? (Y/N)"

INPUT moreRecs

UNTIL moreRecs = 'N' OR moreRecs = 'n'

CLOSEFILE "MemberRec.txt"

**Task 1.5 Visual Basic**

Sub Main()

Dim MemberID As Integer

Dim Name, Number As String

Dim Membershipdate As Date

FileOpen(1, "G:\PracticeFile\MemberRec.txt", OpenMode.Input)

FileOpen(2, "G:\PracticeFile\NewMemberRec.txt", OpenMode.Output)

While Not EOF(1)

Input(1, MemberID)

Input(1, Name)

Console.WriteLine("Member ID: " & MemberID)

Console.WriteLine("Member Name: " & Name)

Console.Write("Enter Phone Number: ")

Number = Console.ReadLine

Do Until Len(Number) = 11

If Len(Number) <> 11 Then

Console.Write("In Correct Number Length, Please Re-Enter: ")

Number = Console.ReadLine

End If

Loop

Console.Write("Enter Start Of Membership Date: ")

Membershipdate = Console.ReadLine

WriteLine(2, MemberID)

WriteLine(2, Name)

WriteLine(2, Number)

WriteLine(2, Membershipdate)

End While

FileClose(1)

FileClose(2)

Console.ReadKey()

End Sub

**Task 1.5 Pseudocode**

DECLARE MemberID : INTEGER

DECLARE Name : STRING

DECLARE Number : STRING

DECLARE Membershipdate : DATE

OPENFILE "MemberRec.txt" FOR INPUT

OPENFILE "NewMeberRec.txt" FOR OUTPUT

WHILE NOT EOF("sRec.txt")

READFILE "MemberRec.txt", MemberID

READFILE "MemberRec.txt", Name

READFILE "MemberRec.txt", Number

WRITEFILE "NewMeberRec.txt", MemberID

WRITEFILE "NewMeberRec.txt", Name

WRITEFILE "NewMeberRec.txt", Number

ENDWHILE

CLOSEFILE "MeberRec.txt"

CLOSEFILE "NewMeberRec.txt"