Assignment 1 Psuedocodes

Declare Str1 As String

Declare Char1 As Char

Declare Alphabets As Boolean

Declare i As Integer

Alphabets = True

Str1 = ""

Char1 = ""

i = 0

Input "Entre String:", Str1

For i = 1 To Len(Str1)

Char1 = Mid(Str1, i, 1)

Char1 = UCase(Char1)

If Char1 < "A" Or Char1 > "Z" Then

Alphabets = False

End If

Next i

If Alphabets = False Then

Output "All characters are not alphabets"

Else

Output"All characters are alphabets"

End If

Assignment 2 Pseudocode

Declare Str1, Str2 As String

Declare Char1, Char2, Char3 As Char

Declare i As Integer

Str1 = ""

Str2 = ""

Char1 = ""

Char2 = ""

Char3 = ""

i = 0

Input "Enter string to be processed: ", Str1

Input "Enter character to replace from the string: ", Char1

Input "Enter character to replace instead: ", Char3

For i = 1 To Len(Str1)

Char2 = Mid(Str1, i, 1)

If Char1 <> Char2 Then

Str2 = Str2 & Char2

Else

Str2 = Str2 & Char3

End If

Next

Output "The string after replacement is: " , Str2

Assignment 4 Pseudocode

Declare Str As String

Declare Char1, Char2, Char3 As Char

Declare i, j, c, Max As Integer

Str = ""

Char1 = ""

Char2 = ""

Char3 = ""

i = 0

j = 0

Max = 0

Input "Entre string to be processed : ”, Str

For i = 1 To Len(Str)

c = 0

Char1 = Mid(Str, i, 1)

For j = 1 To Len(Str)

Char2 = Mid(Str, j, i)

If Char1 = Char2 Then

c = c + 1

End If

Next

If c > Max Then

Max = c

Char3 = Char1

End If

Next

Output "Most repeated character is : " ,Char 3

Output "Number of times it is repeated is : " ,Max

Assignment 6 Pseudocode

Declare Count As Integer

Count = 0

Input "Entre number of donuts:" , Count

If Count < 10 Then

Output “Number of donuts : " , Count

Else

Output “Number of donuts : Many"

End If

Assignment 7 Pseudocode

Declare Str, FStr As String

Declare Str1, Str2 As String

Str = ""

FStr = ""

Str1 = ""

Str2 = ""

Input "Entre string to be processsed : ", Str

If Len(Str) <= 2 Then

Output "Too short to be processed : " , Str

Else

Str1 = Left(Str, 2)

Str2 = Right(Str, 2)

FStr = Str1 & Str2

Output "Processed String : " , FStr

End If

Assignment 8 Pseudocode

Declare str1, str2, fstr As String

Declare char1, char2, char3 As Char

Declare count As Integer

str1 = ""

str2 = ""

fstr = ""

char1 = ""

char2 = ""

char3 = "\*"

count = 0

Input "Enter string to process : ", str1

str1 = LCase(str1)

char1 = Left(str1, 1)

str2 = Right(str1, Len(str1) - 1)

For count = 1 To Len(str2)

char2 = Mid(str2, count, 1)

If char2 = char1 Then

fstr = fstr & char3

Else

fstr = fstr & char2

End If

Next

Output "Processed string is: " , char1 , fstr

Assignment 9 Pseudocode

Declare Stra, Strb, F2a, F2b, Remaininga, Remainingb As String

Stra = ""

Strb = ""

F2a = ""

F2b = ""

Remaininga = ""

Remainingb = ""

Input “Enter first string: “, Stra

Input "Enter second string: ", Strb

If Len(Stra) < 2 Then

Output "String is too short to be processed"

Else

F2a = Left(Stra, 2)

F2b = Left(Strb, 2)

Remaininga = Right(Stra, Len(Stra) - 2)

Remainingb = Right(Strb, Len(Strb) - 2)

End If

Output "Final string is : " , F2b , Remaininga , " " , F2a , Remainingb

Assignment 10 Pseudocode

Declare Str, Str1, FStr As String

Str = ""

Str1 = ""

FStr = ""

Input "Entre string to be processed : ", Str

Str1 = Right(Str, 1)

If Len(Str) < 3 Then

Output Str

Else

If Str1 = "g" Then

FStr = Str & "ly"

Else

FStr = Str & "ing"

End If

Output "Processed String : " FStr

End If