**3. Count and output the NUMBER of an entered character. Output separate counts for alphabets (cap & small together), digits and other characters.**

**INPUT Str1**

**Str1 = "H5,.>6ASNAI 568eem:,nnm mo85/424HSin"**

**OUTPUT :**

**Alphabets are: 18**

**Digits are: 10**

**//Pseudocode**

**DECLARE Str1 : STRING**

**DECLARE Char1 : CHARACTER**

**DECLARE i, digitCounter, alphaCounter , specialCounter : INTEGER**

**//INITIALISE**

**Str1 ← ""**

**Char1 ← ''**

**i ← 0**

**alphaCounter ← 0**

**digitCounter ← 0**

**specialCounter ← 0**

**//INPUT**

**INPUT "Enter string : ", Str1**

**//PROCESS**

**For i ← 1 TO LEN(Str1)**

**Char1 ← MID(Str1, i, 1)**

**Char1 ← UPPER(Char1)**

**IF Char1 >= 'A' AND Char1 <= 'Z'**

**THEN**

**alphaCounter ← alphaCounter + 1**

**ELSEIF Char1 >= '0' AND Char1 <= '9'**

**THEN**

**digitCounter ← digitCounter +1**

**END IF**

**If Not ((Char1 >= "A" And Char1 <= "Z") Or (Char1 >= "0" And Char1 <= "9")) Then**

**specialCounter = specialCounter + 1**

**End If**

**Next i**

**OUTPUT "Alphabets are: ", alphaCounter**

**OUTPUT "Digits are: ", digitCounter**