

Algorithm :

4A119CS070

step 1: start

step 2: Read str, vowel, cons, T, dig

step 3: $\text{vowel} \leftarrow 0$, $\text{cons} \leftarrow 0$, $\text{dig} \leftarrow 0$

step 4: Input the line

step 5: Print the given line

step 6: $\text{len} \leftarrow \text{length of the string}$

step 7: Using for loop perform the step 7 to step 10
until len

check whether the $a[i]$ is any of a, e, i, o, u if yes
 $\text{vowel} \leftarrow \text{vowel} + 1$ else go to step 8

step 8: check whether the $a[i]$ is between A & Z
if yes $\text{cons} \leftarrow \text{cons} + 1$

step 9: check whether the $a[i]$ is between 0 & 9
if yes $\text{dig} \leftarrow \text{dig} + 1$

step 10: print the vowel, cons, dig

step 11: stop

Flowchart :

