

Prinson D'Souza

4 Section

Algorithm:-

- 1) Start
- 2) Input string, Vowels = 0, Consonants = 0; $i = 0$; $S[100]$;
- 3) $\text{for } (i = 0; S[i] \neq '\0'; i++)$
 - if $((S[i] \geq 'A' \ \&\& \ S[i] \leq 'Z') \ || \ (S[i] \geq 'a' \ \&\& \ S[i] \leq 'z'))$
 - if $(S[i] == 'a' \ || \ S[i] == 'e' \ || \ S[i] == 'i' \ || \ S[i] == 'o' \ || \ S[i] == 'u' \ || \ S[i] == 'A' \ || \ S[i] == 'E' \ || \ S[i] == 'I' \ || \ S[i] == 'O' \ || \ S[i] == 'U')$
 - Vowels++;
 - else
 - Consonants++;
- 4) output Vowels, Consonants;
- 5) Stop

Flowchart:-

