ALGORITHM

• Step-1 :- START  
• Step-2 :- Create a class named as "Rearrange".

• Srep-3 :- Create a constructor to initialize the instance variable String wrd and newwrd with null.

• Step-4 :- Create a void method "readword()" to accept the word and convert its case to Uppercase.

• Step-5 :- Create a void method "freq\_vow\_con()" to count the frequency of vowels and consonants.• Step-6 :- Create a void method "arrange()" to arrange the letters by bringing the vowels at the beginning followed by consonants.

• Step-7 :- Create a void method "display()" to display the original and the rearranged word.

• Step-8 :- Create the "main" to make a object and call "readword()", "freq\_vow\_con()", "arrange()", and "dis- play()".

• Step-9 :- END

VD TABLE

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No. | Variable | Data Type | Description |
| 1  2  3  4  5  6 | wrd  newwrd v  c  v  c | String  String  int  int  String  String | Store the input word  Store the rearranged word  Stores no. of vowels  Stores no. of consonants  Stores all the vowels of the word  Stores all the consonants of the word |
| 7 | i | int | Looping variable in freq\_vow\_con() & arrange() |

OUTPUT

