ALGORITHM

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

• Step-3 :- Create a method named as isVowel and pass a character as a parameter. In this function, check if the character is a vowel or not.

• Step-4 :- Create a method named as main. In this function, input the sentence from the user using Scanner class.

Now check whether the sentence is valid or not. Now place the words which begin and end with a vowel at the beginning, followed by the remaining words as they occur in the sentence. Print the sentence and number of words beginning and ending with a vowel.

• Step-5 :- END

VD TABLE

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No. | Variable | Data Type | Description |
| 1  2  3  4  5  6  7 | ipStr  word  str  c  wordLen newStr  len | String  String  char  int  int  String  int | To store the sentence  To store the words  To store the trimed sentence  Used as counter variable  To store the length of each word To store the changed sentence  To store the length of the sentence |

OUTPUT

