

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	ipStr	String	To store the sentence
2	word	String	To store the words
3	str	char	To store the trimmed sentence
4	c	int	Used as counter variable
5	wordLen	int	To store the length of each word
6	newStr	String	To store the changed sentence
7	len	int	To store the length of the sentence

OUTPUT

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BlueJ: Terminal Window - basic
Options
ENTER THE SENTENCE:
ANAMIKA AND SUSAN ARE NEVER GOING TO QUARREL ANYMORE.
NUMBER OF WORDS BEGINNING AND ENDING WITH A VOWEL = 3
ANAMIKA ARE ANYMORE AND SUSAN NEVER GOING TO QUARREL
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