

ALGORITHM

- Step-1 :- START
- Step-2 :- Create a class named as ConsCharge.
- Step-3 :- Declare variables - word to store the word and len to store the length of the word.
- Step-4 :- Create a constructor named as ConsCharge to initialize the variables to default values.
- Step-5 :- Create a method named as readword to accept the word in lowercase.
- Step-6 :- Create a method named as shiftcons to shift all the consonants of the word at the beginning followed by the vowels.
- Step-7 :- Create a method named as changeword to change the case of all occurring consonants of the shifted word to uppercase.
- Step-8 :- Create a method named as show to display the original word, shifted word and the changed word.

VD TABLE

Sr. No.	Variable	Data Type	Description
1	word	String	To store the word
2	len	int	To store the length of the word
3	i	int	To store the index of the word
4	c	char	To store the character of the word
5	s	String	To store the shifted word (in shiftcons() function)
6	s	String	To store the shifted word (in changeword() function)

OUTPUT

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BlueJ: Terminal Window - basic
Options
Enter word in Lower case
spoon

Original word= spoon
Sorted Word=spnoo
Changed word= SPNoo
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