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  2 | word  len | String  int | To store the word  To store the length of the word  To store the index of the word  To store the character of the word  To store the shifted word (in shiftcons() function) To store the shifted word (in changeword() function) |
| 3 | i | int |
| 4 | c | char |
| 5 | s | String |
| 6 | s | String |

OUTPUT

