ALGORITHM

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

• Srep-3 :- Create a constructor to initialize the instance variable String str and newstr with null, int len with 0.• Step-4 :- Create a void method "readword()" to input a word in str and and count the length of the word and store in len.

• Step-5 :- Create a void method "toggle()" to go through the whole word and check if the letter is uppercase or lowercase and convert it to its opposite case.

• Step-6 :- Create a void method "display()" to print the original and the new word.

• Step-7 :- Create the "main" method to create a object and call "readword()", "toggle()" and "display()" meth- ods.

• Step-8 :- END

VD TABLE

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No. | Variable | Data Type | Description |
| 1  2  3  4 | str  newstr len  i | String  String  int  int | Stores the input word  Stores the new toggled word  Stores the len of the input word  To iterate the for-loop for going through the word |

OUTPUT

