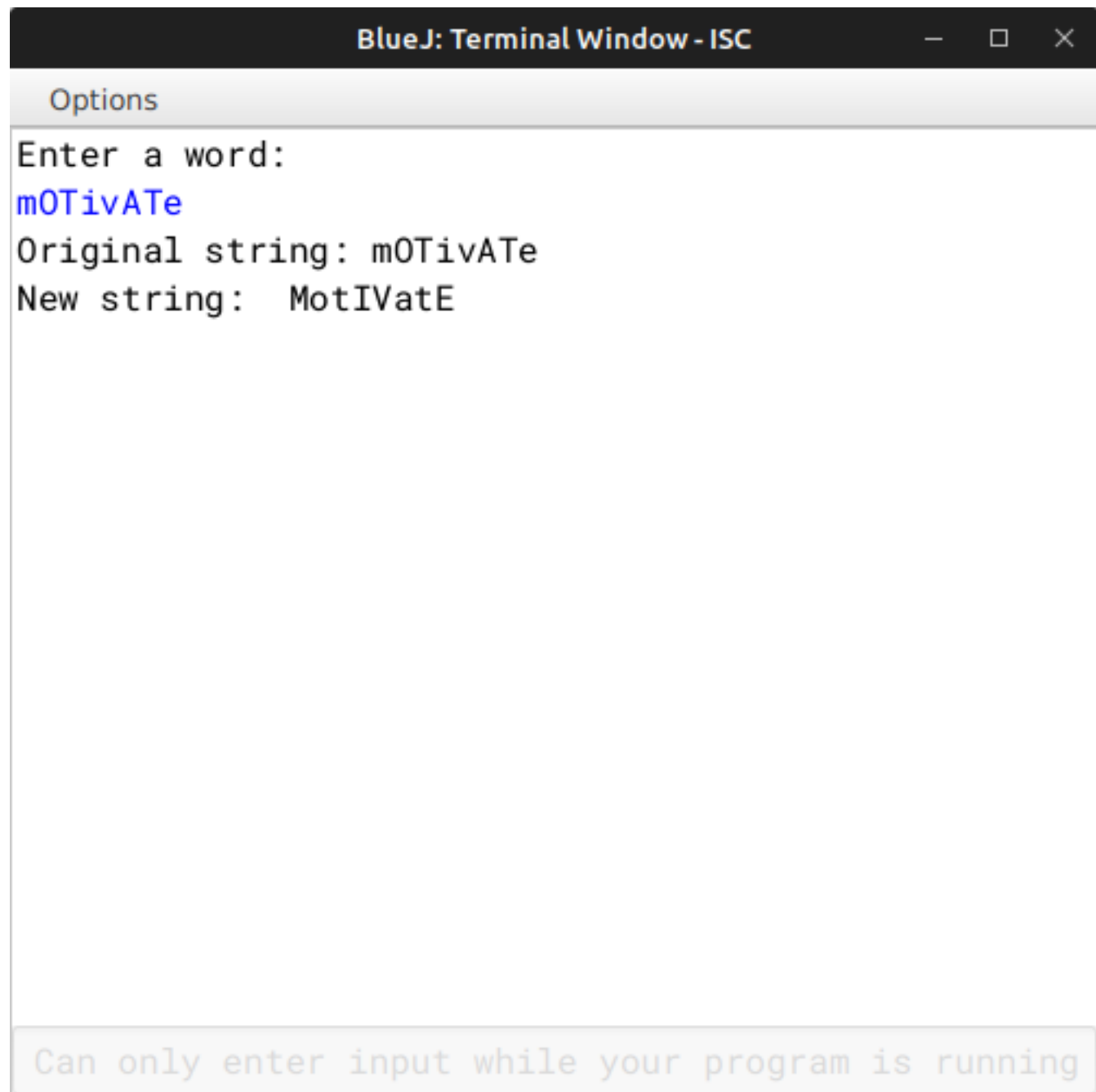# ALGORITHM

- 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()" methods.
- Step-8 :- END

VD TABLE

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

OUTPUT

```
BlueJ: Terminal Window - ISC          —   □   ✕

 Options

Enter a word:
mOTivATe
Original string: mOTivATe
New string:  MotIVatE




                                            Can only enter input while your program is running
```