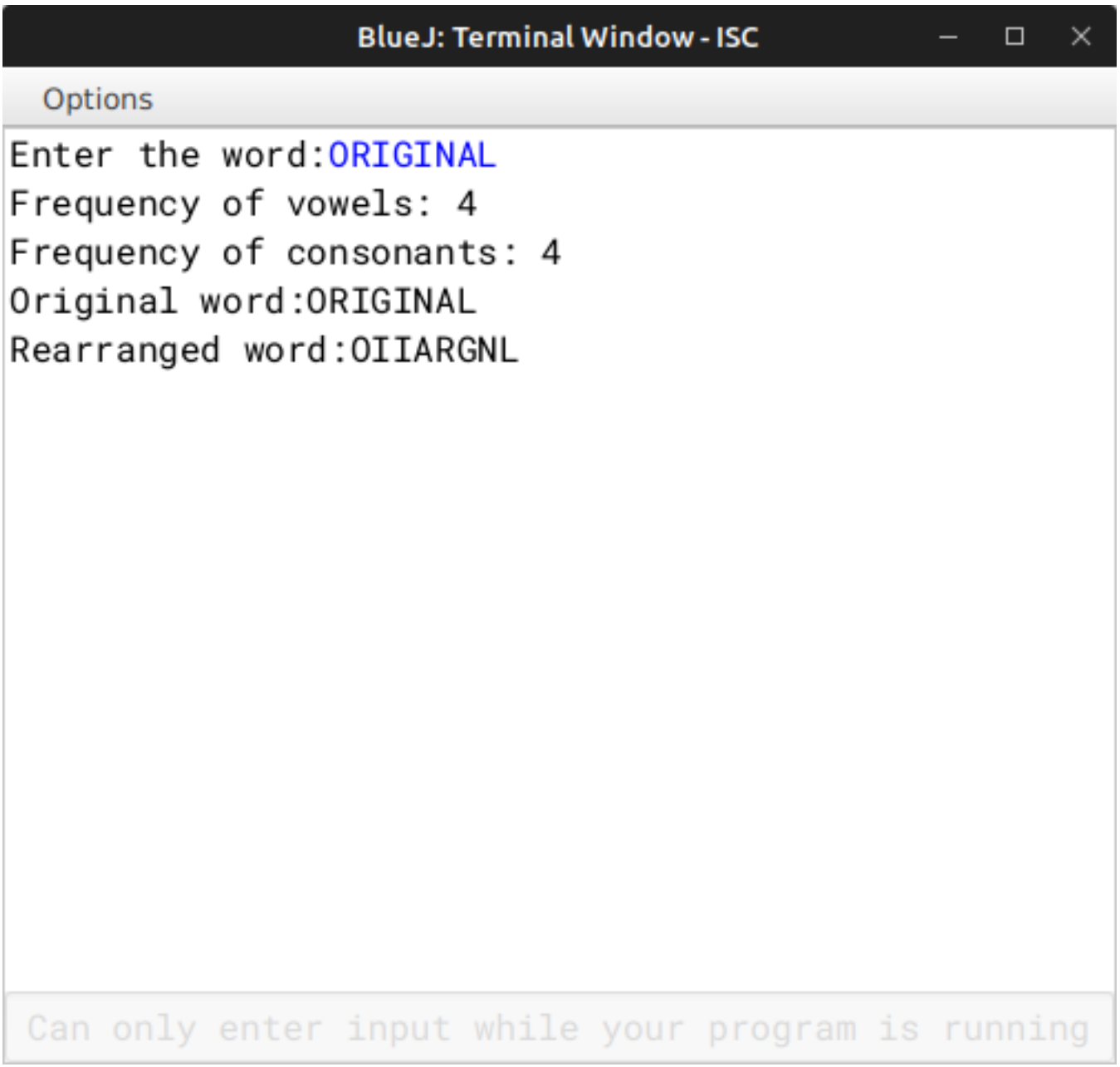
ALGORITHM

- Step-1 :- START
- Step-2 :- Create a class named as "Rearrange".
- Srep-3 :- Create a constructor to initialize the instance variable String wrd and newwrd with null.
- Step-4 :- Create a void method "readword()" to accept the word and convert its case to Uppercase.
- Step-5 :- Create a void method "freq_vow_con()" to count the frequency of vowels and consonants.
- Step-6 :- Create a void method "arrange()" to arrange the letters by bringing the vowels at the beginning followed by consonants.
- Step-7 :- Create a void method "display()" to display the original and the rearranged word.
- Step-8 :- Create the "main" to make a object and call "readword()", "freq_vow_con()", "arrange()", and "display()".
- Step-9 :- END

VD TABLE

Sr. No.	Variable	Data Type	Description
1	wrd	String	Store the input word
2	newwrd	String	Store the rearranged word
3	v	int	Stores no. of vowels
4	c	int	Stores no. of consonants
5	v	String	Stores all the vowels of the word
6	c	String	Stores all the consonants of the word
7	i	int	Looping variable in freq_vow_con() & arrange()

OUTPUT


BlueJ: Terminal Window - ISC
Options
Enter the word:ORIGINAL
Frequency of vowels: 4
Frequency of consonants: 4
Original word:ORIGINAL
Rearranged word:OIIARGNL
Can only enter input while your program is running