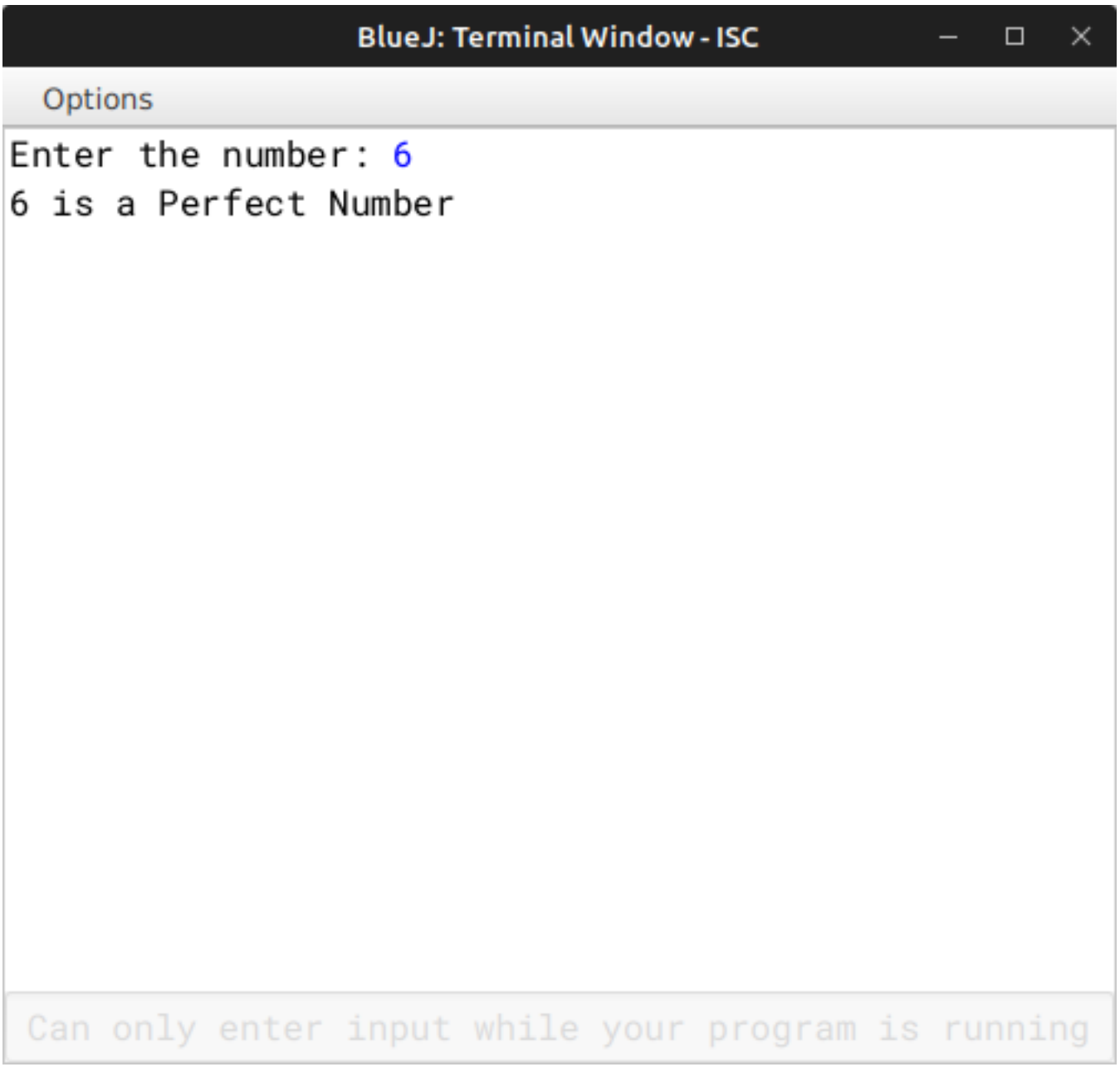
ALGORITHM

- Step-1 :- START
- Step-2 :- Create a class named as "`Perfect`".
- Srep-3 :- Create a parameterized constructor to initialize the instance variable int num and f with nn and 1 recpectively.
- Step-4 :- Create a int method "`sum_of_factors(int i)`" to sum up all the factors of a int i.
- Step-5 :- Create a void method "`check()`" to check the original no. is equal to the sum of factors of the no., and print the appropriate message.
- Step-6 :- Create the "`main`" to input the no. and pass it to the constructor and make a object and call the check() funtion.
- Step-7 :- END

VD TABLE

Sr. No.	Variable	Data Type	Description
1	num	int	Store the input no.
2	f	int	Increment variable for the no., to find all its factors
3	n	int	Stores the user input no. int the main method

OUTPUT


BlueJ: Terminal Window - ISC
Options
Enter the number: 6
6 is a Perfect Number
Can only enter input while your program is running