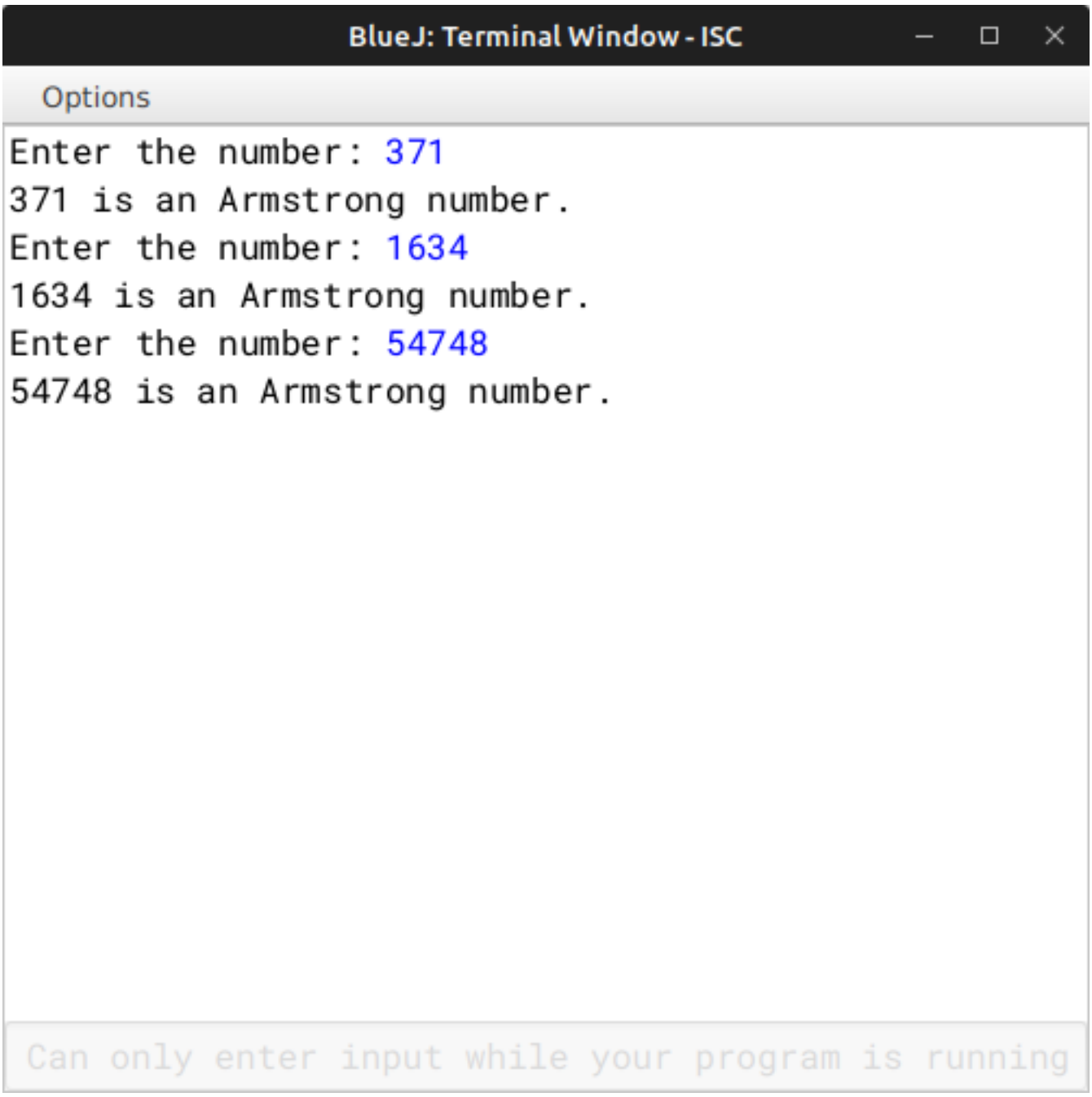
ALGORITHM

- Step-1 :- START
- Step-2 :- Create a class named as "`ArmNum`".
- Srep-3 :- Create a parameterized constructor to initialize the instance variable int n with int num.
- Step-4 :- Create a int method "`sum_pow(int i)`" calculate the sum of the power of the digit to the length of digit, using recursive technique.
- Step-5 :- Create a void method "`isArmstrong()`" to check the no. is Armstorm and prints the appropriate message.
- Step-6 :- Create the "`main`" method to input the no. and create a object and call "`isArmstrong()`" methods.
- Step-7 :- END

VD TABLE

Sr. No.	Variable	Data Type	Description
1	n	int	Stores the no.
2	l	int	Stores the length of the no.
3	nn	int	Parameter for the parameterized construtor ArmNum(int nn)
4	c	int	Looping variable to count the length of the no.
5	i	int	Formal parameter for sum_pow(int i)

OUTPUT


BlueJ: Terminal Window - ISC
Options
Enter the number: 371
371 is an Armstrong number.
Enter the number: 1634
1634 is an Armstrong number.
Enter the number: 54748
54748 is an Armstrong number.
Can only enter input while your program is running