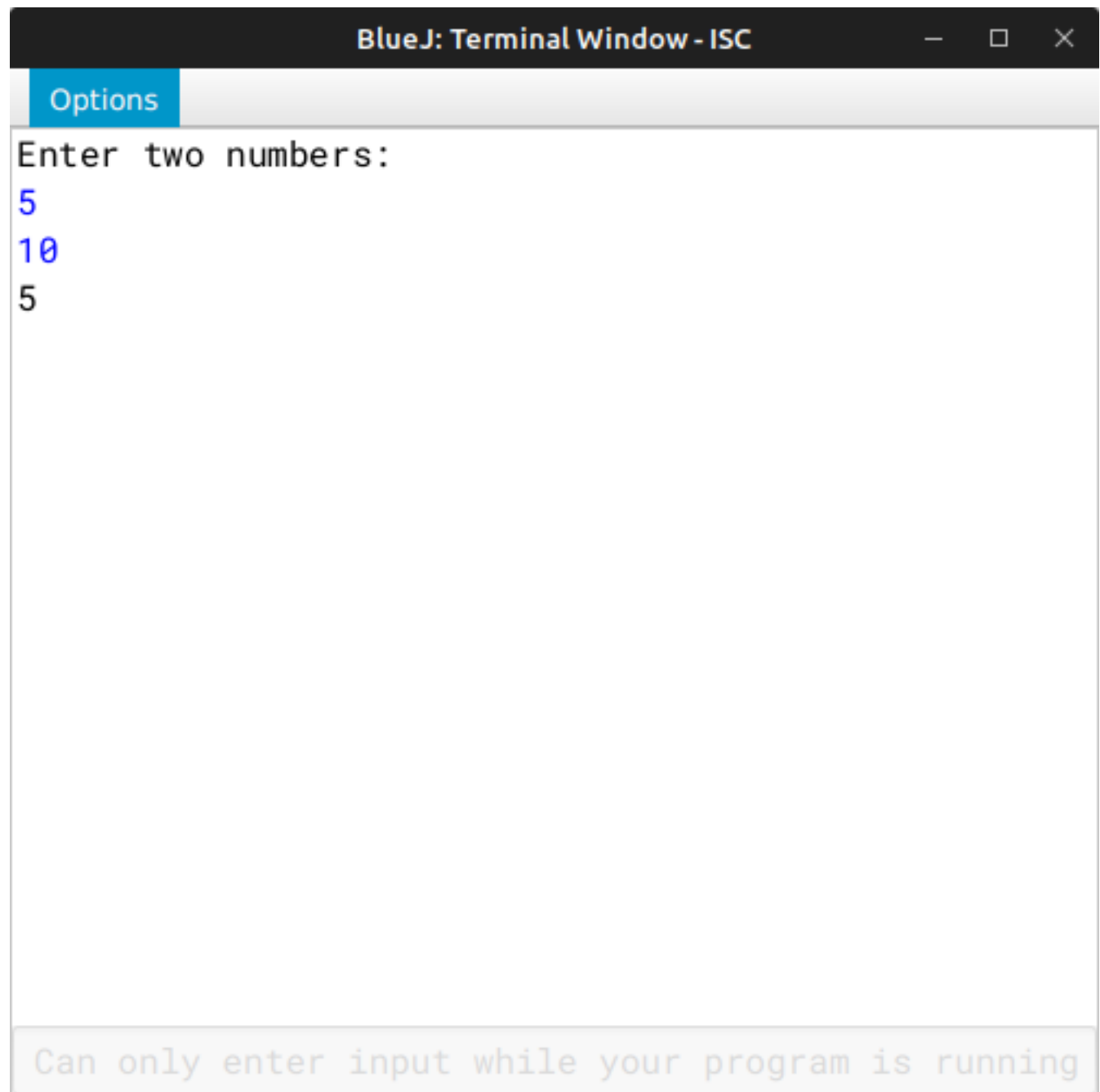# ALGORITHM

- Step-1 :- START
- Step-2 :- Create a class named as "Gcd".
- Srep-3 :- Create a constructor to initialize the instance variable int num1 and num2 with 0.
- Step-4 :- Create a void method "accept" to accept two nos. in num1 and num2 respectively.
- Step-5 :- Create a int method "gcd" to calculate the gcd of the two nos. using recursive technique.
- Step-6 :- Create a void method "display" to print the gcd of the two nos.
- Step-7 :- Create the "main" method to create a object and call "accept" and "display" methods.
- Step-8 :- END

VD TABLE

Sr. No.	Variable	Data Type	Description
1	num1	int	Stores the first no.
2	num2	int	Stores the second no.
3	x	int	Formal parameter for function gcd()
4	y	int	Formal parameter for function gcd()
5	temp	int	Temporary variable for swaping num1 and num2 in display(), if num1 is smaller than num2

OUTPUT

Options

```
Enter two numbers:
5
10
5
```

Can only enter input while your program is running