Experiment No. 1 (b)

Aim

Java program to Swap 2 Numbers without using Third Variable.

Source code

```java
package java_file;

import java.util.Scanner;

public class _1b_Swap {

    public static void main(String[] args) {

            Scanner input=new Scanner(System.in);

            System.out.println("Enter 2 Values???");
            int a=input.nextInt();
            int b=input.nextInt();
            System.out.print("Before Swapping....\n"+"A="+a+"\nB="+b);
            a=a+b;
            b=a-b;
            a=a-b;
            System.out.print("\n\nAfter Swapping....\n"+"A="+a+"\nB="+b);
    }

}
```
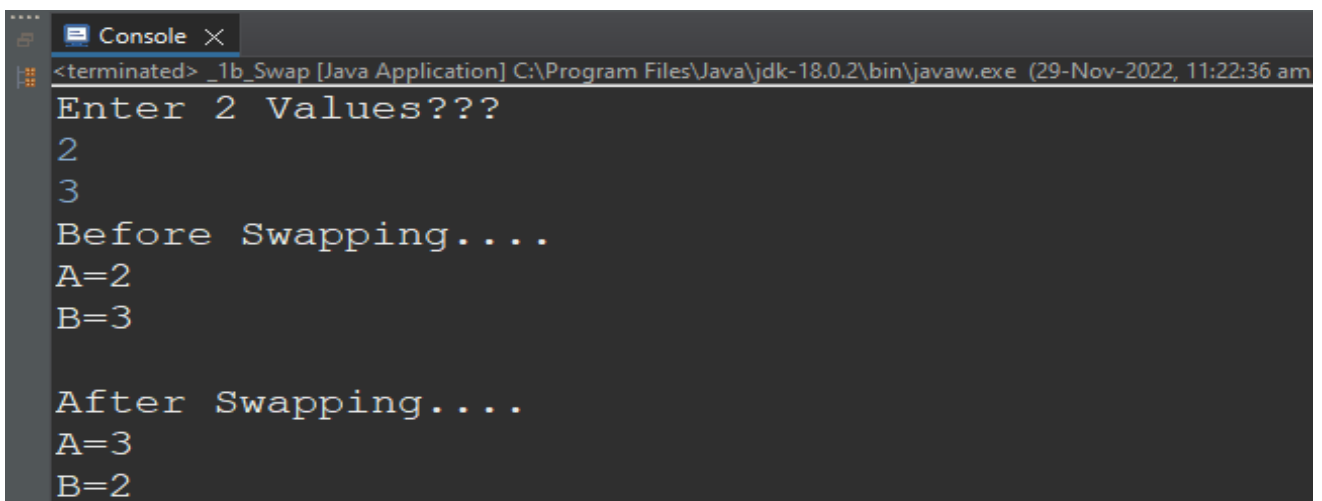
Output


```
Console ×
<terminated> _1b_Swap [Java Application] C:\Program Files\Java\jdk-18.0.2\bin\javaw.exe (29-Nov-2022, 11:22:36 am
Enter 2 Values???
2
3
Before Swapping....
A=2
B=3

After Swapping....
A=3
B=2
```