

DATE 06/02/2024

PROGRAM-4

AIM:-SWAPPING TWO NUMBER USING BITWISE OPERATOR.

CODE:

```
package JAVA;

import java.util.Scanner;

public class lab1_4 {

    public static void main(String[] args) {

        //System.out.println("Hello, World!");

        Scanner sc= new Scanner(System.in);

        System.out.println("the enter number1");

        int a= sc.nextInt();

        System.out.println("the enter number2");

        int b= sc.nextInt();

        a=a^b;

        b=a^b;

        a=a^b;

        System.out.println("the numbers1 after swap "+a);

        System.out.println("the numbers2 after swap "+b);

    }

}
```

OUTPUT:

```
PS C:\Users\Admin\Desktop> & 'C:\Program Files\Java\jdk-21\bin\java.exe' '--enable-preview' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\Admin\AppData\Roaming\Code\User\workspaceStorage\e0dc2e9535830c46d9c00ded3eb4123a\redhat.java\jdt_ws\Desktop_f8aad77d\bin' 'JAVA.lab1_4'
the enter number1
13
the enter number2
34
the numbers1 after swap 34
the numbers2 after swap 13
PS C:\Users\Admin\Desktop>
```

Activate Windows
Go to Settings to activate Windows.