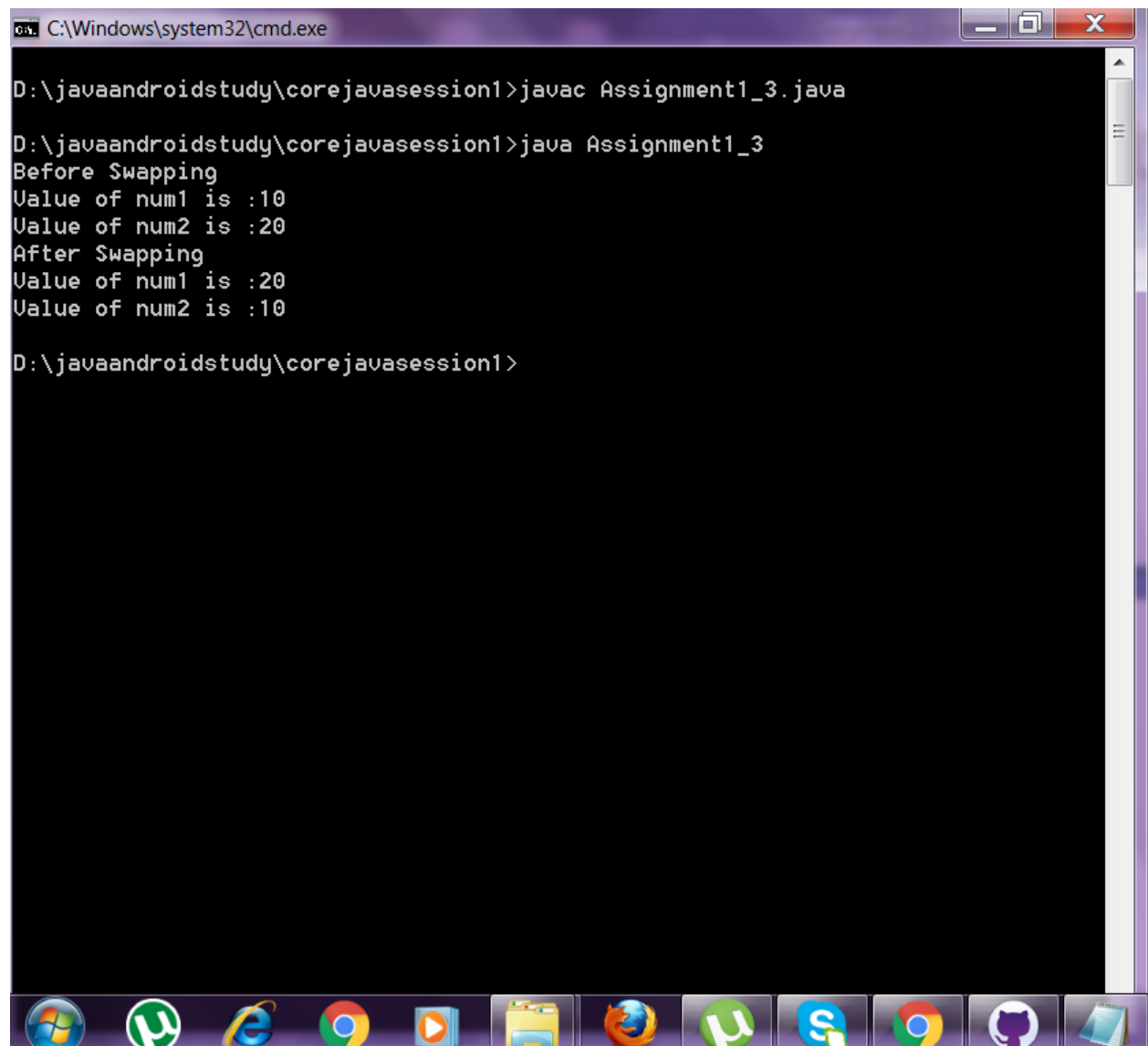


/* Write a program that swaps the values of two variables without using third variable.*/

Code:-

```
public class Assignment1_3 {  
    public static void main(String[] s) {  
        int num1 = 10;  
        int num2 = 20;  
        System.out.println("Before Swapping");  
        System.out.println("Value of num1 is :" + num1);  
        System.out.println("Value of num2 is :" + num2);  
        num1 = num1 + num2;  
        num2 = num1 - num2;  
        num1 = num1 - num2;  
        System.out.println("After Swapping");  
        System.out.println("Value of num1 is :" + num1);  
        System.out.println("Value of num2 is :" + num2);  
    }  
}
```

Output:-



```
C:\Windows\system32\cmd.exe

D:\javaandroidstudy\corejavasession1>javac Assignment1_3.java

D:\javaandroidstudy\corejavasession1>java Assignment1_3
Before Swapping
Value of num1 is :10
Value of num2 is :20
After Swapping
Value of num1 is :20
Value of num2 is :10

D:\javaandroidstudy\corejavasession1>
```

The screenshot shows a Windows command prompt window with a purple title bar. The window title is "C:\Windows\system32\cmd.exe". The command prompt shows the following sequence of commands and output:

- Command: `D:\javaandroidstudy\corejavasession1>javac Assignment1_3.java`
- Command: `D:\javaandroidstudy\corejavasession1>java Assignment1_3`
- Output: `Before Swapping`
- Output: `Value of num1 is :10`
- Output: `Value of num2 is :20`
- Output: `After Swapping`
- Output: `Value of num1 is :20`
- Output: `Value of num2 is :10`
- Command: `D:\javaandroidstudy\corejavasession1>`

The Windows taskbar is visible at the bottom of the screen, showing icons for various applications including Internet Explorer, Google Chrome, and others.