

EXPERIMENT 27:JUNIT TO REVERSE STRING OR NOT

CODE:

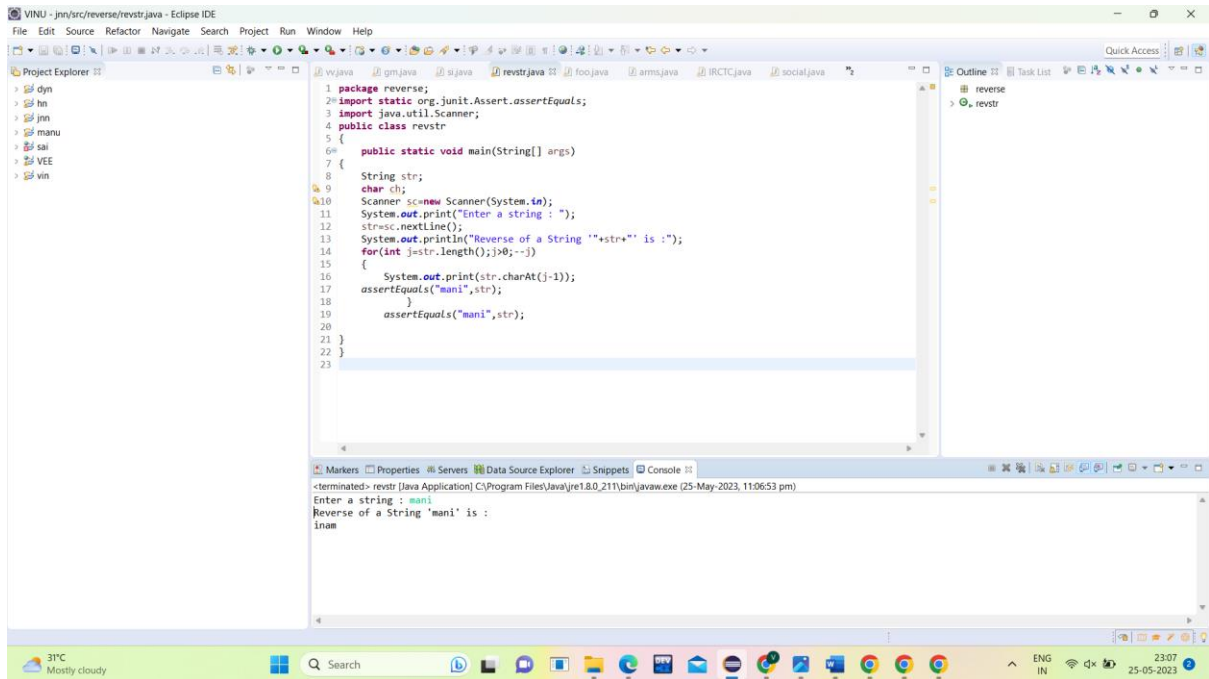
```
package reverse;

import static org.junit.Assert.assertEquals;
import java.util.Scanner;

public class revstr
{
    public static void main(String[] args)
    {
        String str;
        char ch;
        Scanner sc=new Scanner(System.in);
        System.out.print("Enter a string : ");
        str=sc.nextLine();
        System.out.println("Reverse of a String '"+str+"' is :");
        for(int j=str.length();j>0;--j)
        {
            System.out.print(str.charAt(j-1));
            assertEquals("mani",str);
        }
        assertEquals("mani",str);
    }
}
```

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OUTPUT:



The screenshot displays the Eclipse IDE interface. The central editor shows a Java file named `revstr.java` with the following code:

```
1 package reverse;
2 import static org.junit.Assert.assertEquals;
3 import java.util.Scanner;
4 public class revstr
5 {
6     public static void main(String[] args)
7     {
8         String str;
9         char ch;
10        Scanner sc=new Scanner(System.in);
11        System.out.print("Enter a string : ");
12        str=sc.nextLine();
13        System.out.println("Reverse of a String '"+str+"' is :");
14        for(int j=str.length();j>0;j--)
15        {
16            System.out.print(str.charAt(j-1));
17            assertEquals("mani",str);
18        }
19        assertEquals("mani",str);
20    }
21 }
22 }
23 }
```

The right-hand side of the IDE shows the Outline view with a package `reverse` and a class `revstr`.

The bottom console window shows the execution output:

```
<terminated> revstr [Java Application] C:\Program Files\Java\jre1.8.0_211\bin\javaw.exe (25-May-2023, 11:06:53 pm)
Enter a string : mani
Reverse of a String 'mani' is :
inam
```

The Windows taskbar at the bottom indicates a temperature of 31°C, mostly cloudy weather, and the date 25-05-2023.