Reverse a string


```java
import java.util.Scanner;
import static org.junit.Assert.assertEquals;
public class restr{

    public static void main(String[] args) {
        String str,Revstr="";
        int j=0;
        Scanner sc =new Scanner(System.in);
        System.out.print("Enter the string");
        str=sc.nextLine();
        System.out.println("Reverse of string  :"+str.length());
        for(j=str.length()-1;j>=0;--j)
        {
            Revstr+=str.charAt(j);
        }
        System.out.println("reverse string"+Revstr);
        assertEquals("sham",Revstr);
    }

}
```

```
<terminated> restr [Java Application] C:\Program Files\Java\jre1.8.0_211\bin\javaw.exe (02-May-2023, 1:52:56 pm)
Enter the stringsham
Reverse of string   :4
reverse stringmahs
Exception in thread "main" org.junit.ComparisonFailure: null expected:<[sham]> but was:<[mahs]>
	at org.junit.Assert.assertEquals(Assert.java:78)
	at org.junit.Assert.assertEquals(Assert.java:88)
	at restr.main(restr.java:18)
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