

## **28. JUNIT TESTING TO CHECK WHETHER THE GIVEN USERNAME IS VALID OR NOT**

**GOWNI PRAVEEN KUMAR**

**{192011203}**

### **AIM**

To Perform junit Testing to Check Whether the given Username is Valid or not

### **PROGRAM**

```
package sse;
```

```
import static org.junit.Assert.assertEquals;
```

```
import java.util.Scanner;
```

```
public class username {
```

```
public static void main(String [] args)
```

```
{
```

```
    Scanner in=new Scanner(System.in);
```

```
        System.out.println("enter the user name");
```

```
    String str1=in.nextLine();
```

```
    System.out.println("Reenter the user name");
```

```
    String str2=in.nextLine();
```

```
    assertEquals(str1,str2);
```

```
    }
```

```
}
```

## OUTPUT

The screenshot shows the Eclipse IDE with the file `username.java` open. The code is as follows:

```
1 package sse;
2
3 import static org.junit.Assert.assertEquals;
4
5 public class username {
6     public static void main(String [] args)
7     {
8         Scanner in=new Scanner(System.in);
9         System.out.println("enter the user name");
10        String str1=in.nextLine();
11        System.out.println("Reenter the user name");
12        String str2=in.nextLine();
13        assertEquals(str1,str2);
14    }
15 }
16
17
```

The Console window at the bottom shows the following output:

```
<terminated> username [Java Application] C:\Program Files\Java\jre1.8.0_171\bin\javaw.exe (25-May-2023, 3:42:16 pm)
enter the user name
192011090
Reenter the user name
192011090
```

The screenshot shows the Eclipse IDE with the file `username.java` open. The code is the same as in the previous screenshot. The Console window at the bottom shows the following output:

```
<terminated> username [Java Application] C:\Program Files\Java\jre1.8.0_171\bin\javaw.exe (25-May-2023, 3:48:35 pm)
enter the user name
192011090
Reenter the user name
192011095
Exception in thread "main" org.junit.ComparisonFailure: expected:<19201109[0]> but was:<19201109[5]>
    at org.junit.Assert.assertEquals(Assert.java:115)
    at org.junit.Assert.assertEquals(Assert.java:144)
    at sse.username.main(username.java:13)
```

## RESULT

Hence the junit Testing to Check Whether the given Username is Valid or not performed successfully.