

28. Junit Testing to Check Whether the given Username is Valid or not**AIM**

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

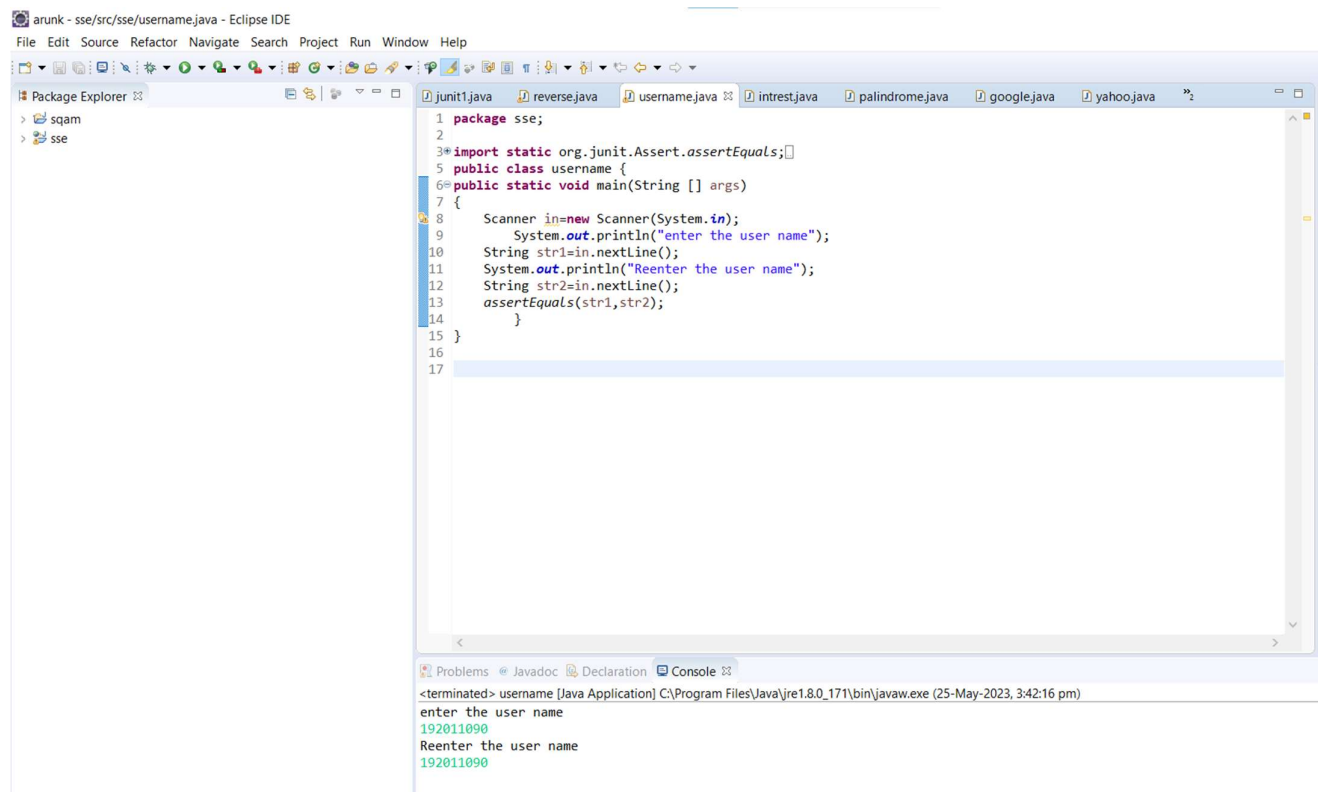
PROGRAM

```
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

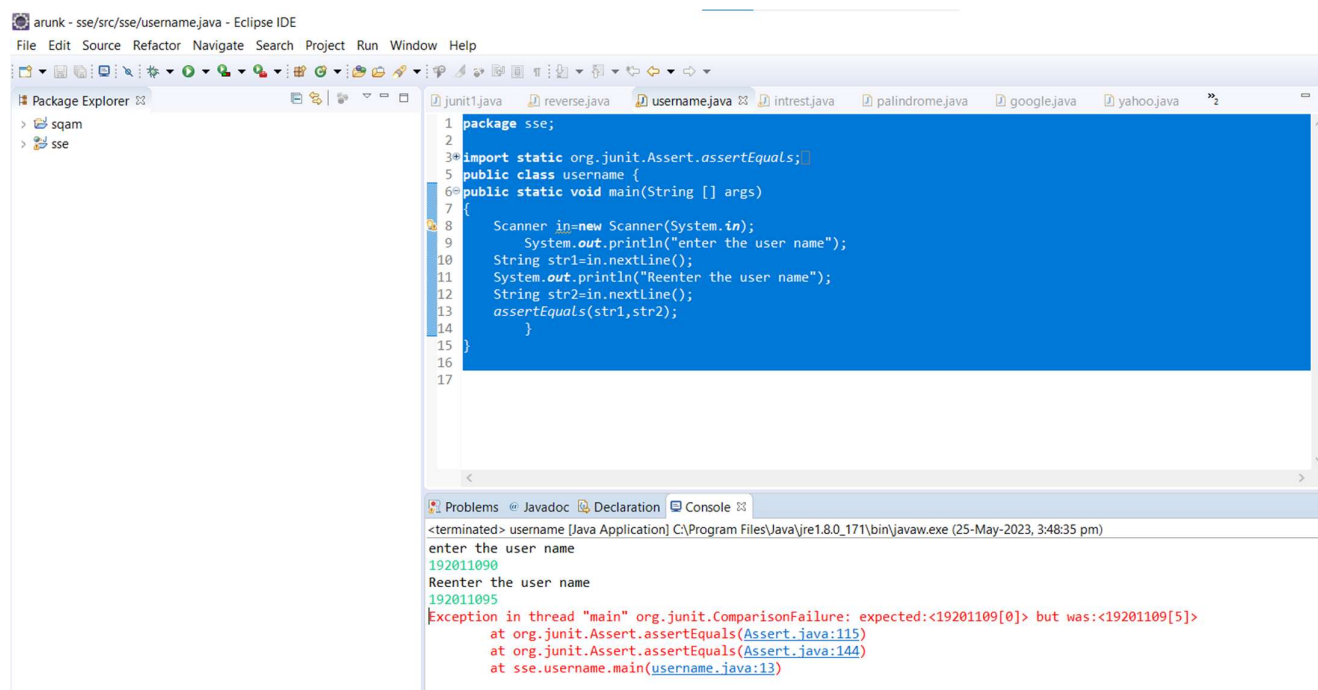


The screenshot shows the Eclipse IDE with the file `username.java` open. The code is as follows:

```
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 output at the bottom shows the program execution:

```
<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:

```
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 output shows the program execution followed by an exception:

```
<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.