

ASSIGNMENT15

KODDCF153_ARUN_NAGENDRA_NAYAK

Date:13/10/2022

```
package stringsjava;
```

```
public class Demo {
```

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

```
    {
```

```
        String s1 = "Sachin";
```

```
        String s2 = "Sourav";
```

```
        if(s1.compareTo(s2)>0)
```

```
        {
```

```
            System.out.println("String 1 is greater");
```

```
        }
```

```
        else if(s1.compareTo(s2)<0)
```

```
        {
```

```
            System.out.println("String 2 is greater");
```

```
        }
```

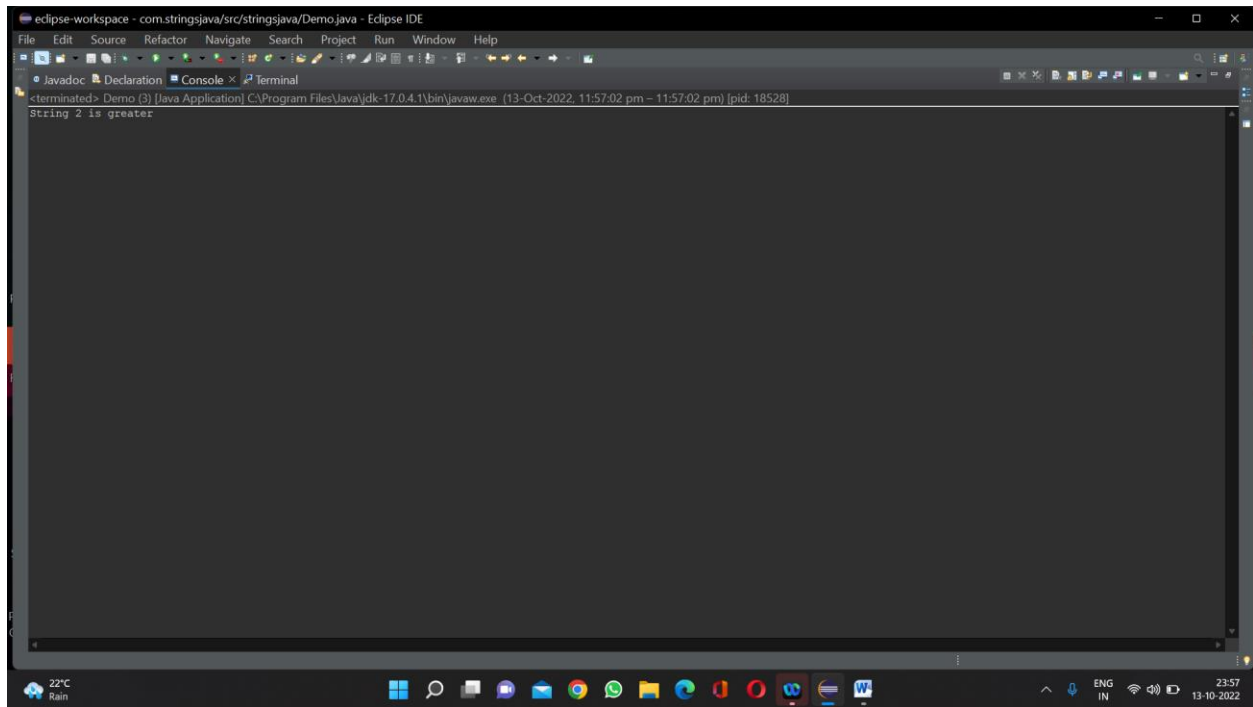
```
        else
```

```
        {
```

```
System.out.println("Strings are Equal");
```

```
}
```

```
}
```



```
package stringsjava;
```

```
public class Demo {
```

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

```
    {
```

```
        String s1 = new String ( "Omkar");
```

```
        String s2 = s1.intern();
```

```
        String s3 = "Omkar";
```

```
        if(s1==s2)
```

```
        {
```

```
            System.out.println("References are Equal");
```

```
        }
```

```
        else
```

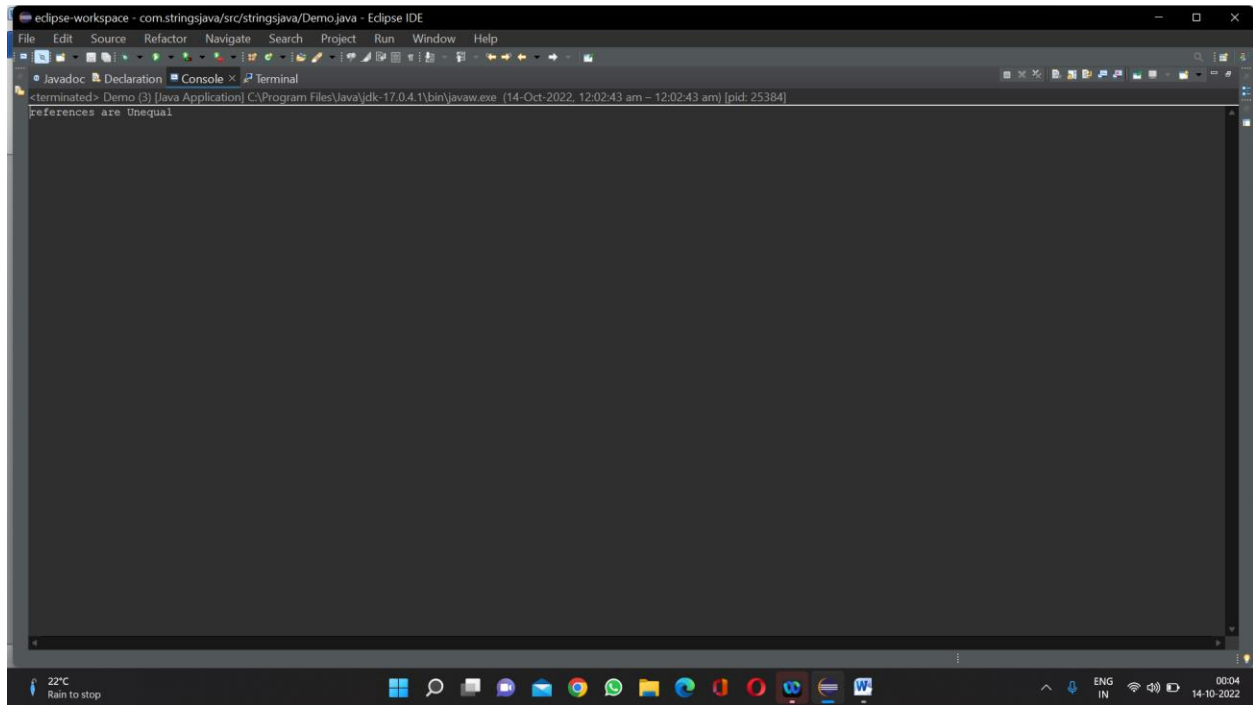
```
        {
```

```
            System.out.println("references are Unequal");
```

```
        }
```

```
    }
```

```
}
```



```
package stringsjava;
```

```
public class Demo {
```

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

```
    {
```

```
        String s1 = new String ( "Raja Ram Mohan Roy");
```

```
        System.out.println(s1);
```

```
        System.out.println(s1.toUpperCase());
```

```
        System.out.println(s1);
```

```
        System.out.println(s1.toLowerCase());
```

```
        System.out.println(s1.charAt(9));
```

```
        System.out.println(s1.indexOf(0));
```

```
        System.out.println(s1.substring(9));
```

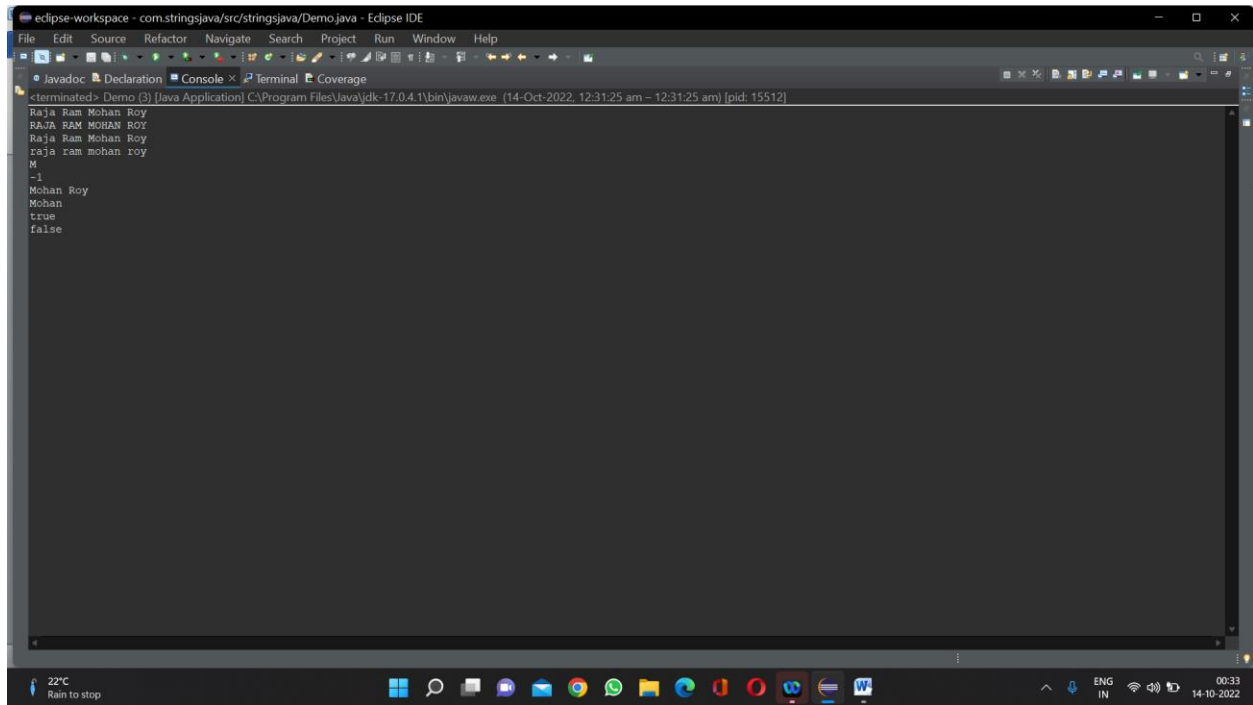
```
        System.out.println(s1.subSequence(9, 14));
```

```
        System.out.println(s1.contains("Mohan"));
```

```
        System.out.println(s1.contains("poha"));
```

```
    }
```

```
}
```



The screenshot shows the Eclipse IDE interface. The title bar reads "eclipse-workspace - com.stringsjava/src/stringsjava/Demo.java - Eclipse IDE". The menu bar includes File, Edit, Source, Refactor, Navigate, Search, Project, Run, Window, and Help. The toolbar contains icons for file operations and running the application. The "Console" tab is active, displaying the output of a Java application. The output text is as follows:

```
<terminated> Demo (3) [Java Application] C:\Program Files\Java\jdk-17.0.4.1\bin\javaw.exe (14-Oct-2022, 12:31:25 am) [pid: 15512]  
Raja Ram Mohan Roy  
RAJA RAM MOHAN ROY  
Raja Ram Mohan Roy  
raja ram mohan roy  
M  
-1  
Mohan Roy  
Mohan  
true  
false
```

The Windows taskbar at the bottom shows the system clock as 00:33 on 14-10-2022, along with various system icons and a weather widget indicating 22°C and rain.