```java
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");

			}

		}
```
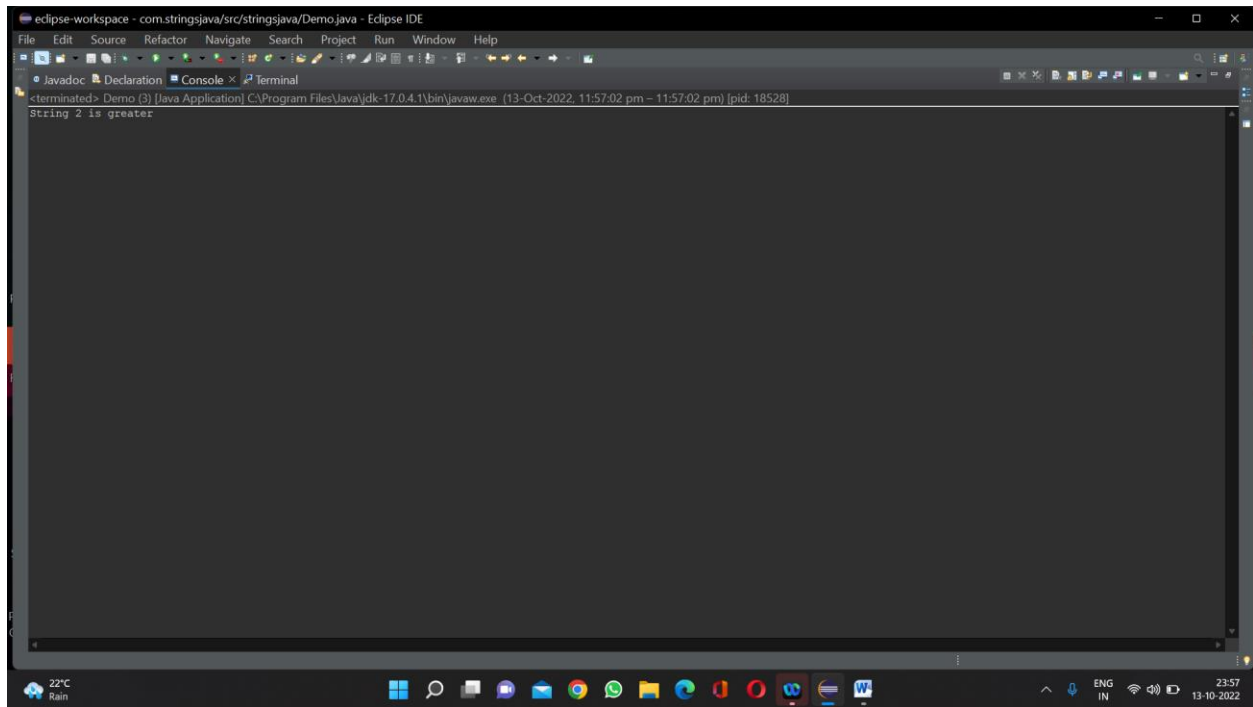
```java
package stringsjava;

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");
        }
    }
}
```
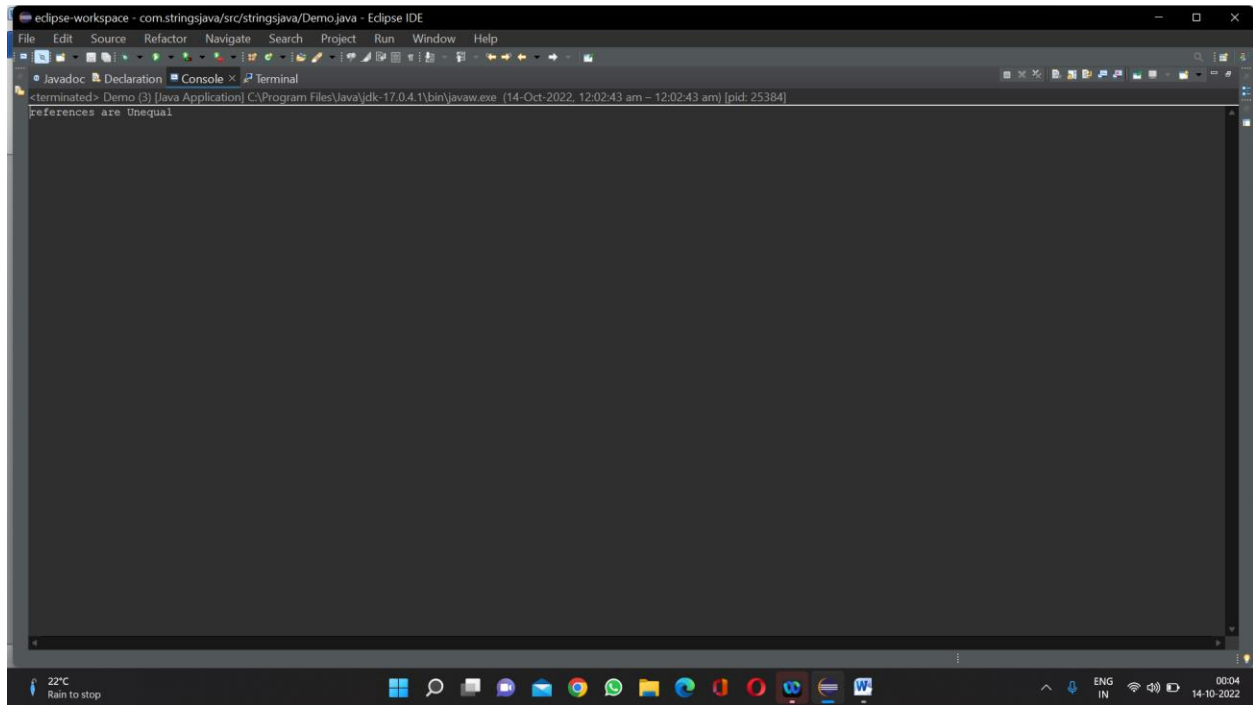
eclipse-workspace - com.stringsjava/src/stringsjava/Demo.java - Eclipse IDE

File   Edit   Source   Refactor   Navigate   Search   Project   Run   Window   Help

Javadoc   Declaration   Console ×   Terminal

<terminated> Demo (3) [Java Application] C:\Program Files\Java\jdk-17.0.4.1\bin\javaw.exe (14-Oct-2022, 12:02:43 am – 12:02:43 am) [pid: 25384]

references are Unequal

22°C
Rain to stop

ENG
IN

00:04
14-10-2022

```java
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"));
    }
}
```
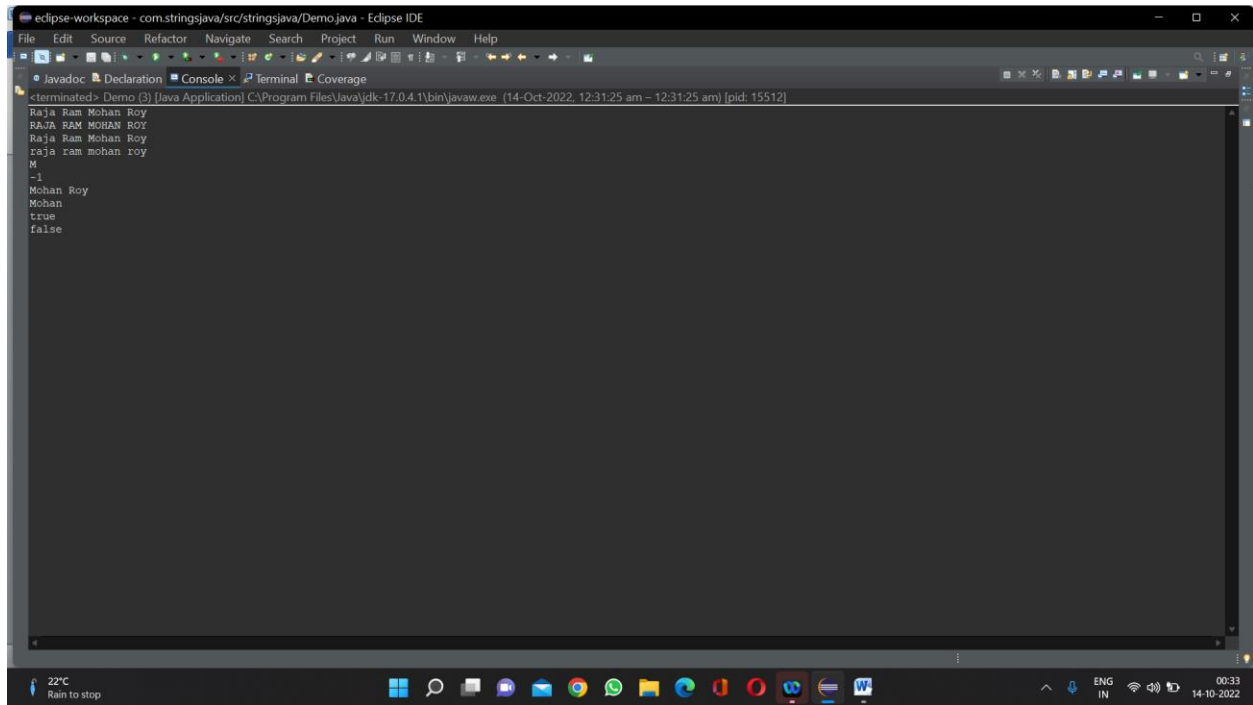
File   Edit   Source   Refactor   Navigate   Search   Project   Run   Window   Help

● Javadoc   ▣ Declaration   ▣ Console ×   ⬚ Terminal   ▣ Coverage

```
<terminated> Demo (3) [Java Application] C:\Program Files\Java\jdk-17.0.4.1\bin\javaw.exe  (14-Oct-2022, 12:31:25 am – 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
```

22°C
Rain to stop

ENG
IN

00:33
14-10-2022