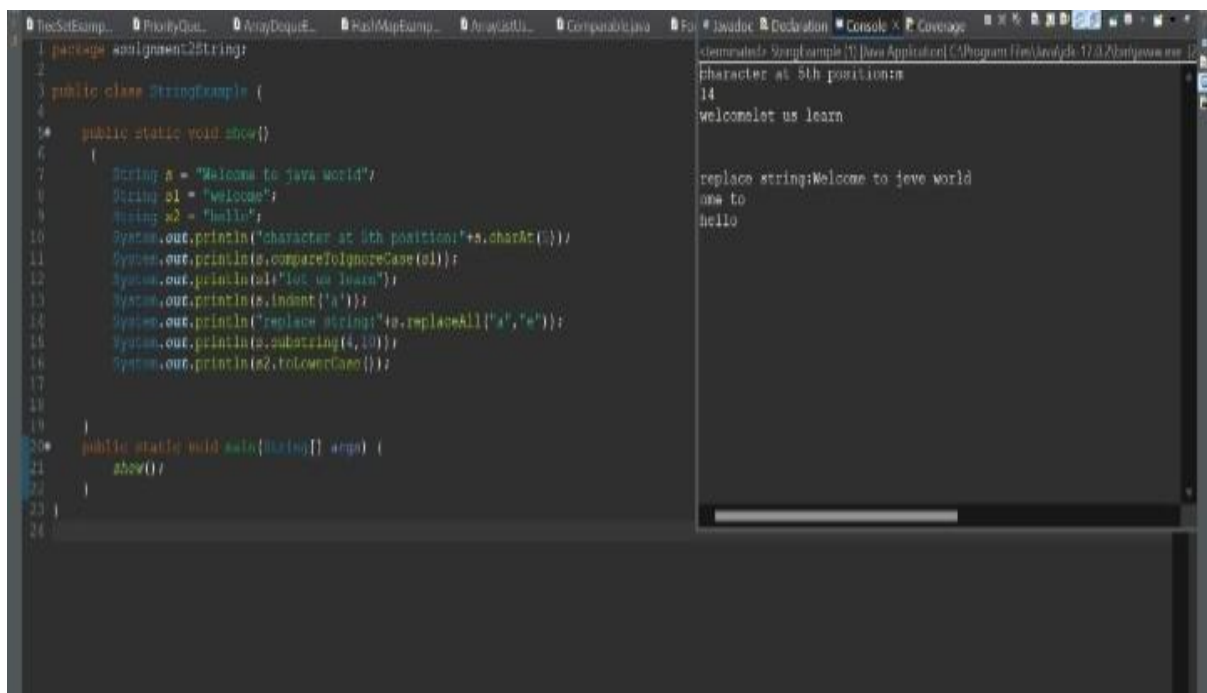


## Assessment(26-05-2022)

1.write a program which creates a string “Welcome to java world “ and performs the following

- Returns the character at 5<sup>th</sup> position and display it
- Compare the above String with “welcome” lexicographically ignoring case differences and display the results.
- Concatenates “-let us learn” to the above String and display it
- Return the position of the first occurrence of character
- Return string between 4th position and 10th position and display it
- Returns the lowercase of the string and display it



The screenshot shows an IDE with a Java file named `StringExample.java` and its output in the console. The code implements the requirements for the first task. The output in the console is as follows:

```
character at 5th position:m
14
welcomelet us learn

replace string:Welcome to java world
one to
hello
```

2.write a program which creates a stringbuffer “ this is stringbuffer” and performs the following

- Adds the string “-This is a sample program “ to existing string and display it
- Inserts the string “object “ into the existing string at 21<sup>st</sup> position and display it
- Reverses the entire string and display it
- Replace the word “buffer” with “builder” and display it

```

1 package assignment2String;
2
3 public class StringBufferExample {
4     public static void display() {
5         StringBuffer s = new StringBuffer("Good Morning");
6         StringBuffer s1 = new StringBuffer("Buffer");
7         s.append("This is a sample program");
8         System.out.println("String is :"+s);
9         s.insert(11,'b');
10        System.out.println("insert is:"+s);
11        s.reverse();
12        System.out.println("reverse is:"+s);
13        s1.replace(0, 6, "builder");
14        System.out.println("replace is:"+s1);
15    }
16
17    public static void main(String[] args) {
18        display();
19    }
20 }
21
22 }
23

```

```

C:\Program Files\Java\jre-17.0.2\bin\java.exe
String is :Good MorningThis is a sample program
insert is:Good MorningThis is ab sample program
reverse is:mrargorp elpmaB ba si sihTgnirreM dooG
replace is:builder

```