

ASHOKA
Ashoka Group of Schools
Academic Year 2024-25
Grade -X
Computer Application
Jobsheet 1 on String Handling

Student Name: _____

Grade and Section: _____

Q.1) Find the output of the following statement:

- i) `String str_output = "RockStar";`
`System.out.println("Length of String: " + str_output.length());`
- ii) `String str_output = "Honesty Is The Best Policy";`
`System.out.println(str_output.toLowerCase().substring(11));`
- iii) `String str_output = "an apple a day keeps the doctor away";`
`System.out.println(str_output.toUpperCase().substring(11,14));`
- iv) `String str_output = "Where did you go?";`
`System.out.println(str_output.substring(6,9).charAt(1));`
- v) `String str_output = "once in a blue moon";`
`System.out.println(str_output.substring(10).indexOf(str_output.charAt(str_output.length()-2)));`
- vi) `String str_output = "an apple a day keeps the doctor away";`
`System.out.println(str_output.substring(3,8).compareTo(str_output.substring(0,2)));`
- vii) `int a=164;`
`int b=258;`
`int c=String.valueOf(a);`
`System.out.println(c+String.valueOf(b));`

2) Write a java statement to compare two strings str1 and str2 for equality by neglecting the cases of the strings?

Ans:

3) Write a java statement to print last 3 characters of a string str.

Ans:

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Question 1:

```
String str1=" study", st=" hard", str="I like Computer Application", ob=" for exams";
String obj="Stay blessed ";
System.out.println(str.toUpperCase().length());

System.out.println(str.concat(str1).toLowerCase());

System.out.println(str1.trim().concat(st));

System.out.println(st.replace('a','e').trim());

System.out.println(str1.concat(st.concat(ob)));

System.out.println(ob.concat(obj.trim()));

System.out.println(st.concat(str.trim()).toUpperCase());

System.out.println(obj.replace('t','l').replace('e','i').substring(0,obj.length()-3));

System.out.println(str.trim().toUpperCase().concat(ob.trim()));

System.out.println(str.concat(ob.concat(obj)).length());
```

Question 2:

- a) State the returntype of:
 - 1. trim();
 - 2. length();
 - 3. replace();
 - 4. startsWith()

- b) State the argument type of:
 - 1. charAt();
 - 2. length();
 - 3. endsWith()
 - 4. replace()

- c) State the function of:
 - 1. toUpperCase();
 - 2. replace();
 - 3. trim();
 - 4. compareTo

- d) Define String.
- e) State the types in which Strings can be initialised.
- f) State the package in which String class is present.