

Topic :: STRINGS

Name:

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I. Answer the All MCQ and Questions

10 M

1. What is the Output Of the following Program

```
class Main{
    public static void main(String args[])
    {
        String str = "Java Programming";
        String str1 = new String("Java Programming");

        if(str==str1)
        {
            System.out.print("true");
        }
        else
            System.out.print("false");
    }
}
```

- a. True b. False c.error d.None of the above

2. What is the Output Of the following Program

```
class demo9 {
    public static void main(String args[])
    {
        String str = "Java Programming";
        String str1 = "Java";
        if (str.startsWith("J"))
            System.out.println("Start Same");
        if (str.endsWith("T"))
            System.out.println("End Same");
    }
}
```

- a. Java Programming b. Java c.Start Same d.End Same

3. What is the Output Of the following Program

```
class Main {  
    public static void main(String args[])  
    {  
        String str = "Java Programming";  
        String str1 = "Java";  
        System.out.println(str.indexOf("a"));  
        System.out.println(str.indexOf("m"));  
        System.out.println(str.indexOf("a"));  
        System.out.println(str.lastIndexOf("m"));  
    }  
}
```

a.1 10 1 12 b. 11 10 1 12 c. 10 1 11 12 d.1 11 10 12

4. What will be output of following program?

```
class Test {  
    public static void main(String[] args) {  
        final StringBuilder sb = new StringBuilder("Packet");  
        sb.append("prep for Students");  
        System.out.println(sb);  
    }  
}
```

a) Compilation error b) Runtime error c) Packetprep for Students
d) Packet

5. Which of the following methods is used to convert a string to an integer in Java?

a) convertToInt()
b) toInteger()
c) valueOf()
d) parseInt()

6. What will be output of following program?

```
public class Test {  
    public static void main(String[] args) {  
        String s = new String("5");  
        System.out.println(1 + 10 + s + 1 + 10);  
    }  
}
```

a) 11511 b) 1105110 c) 115110 d) 27

7) Write the differences between string and string buffer and string builder?

8) why string is immutable and write the difference between "is equal to" and "=="

II. Answer All The Questions

4*5=20 M

1. The program will receive 3 English words inputs from Scanner class

These three words will be read one at a time, in three separate line

The first word should be changed like all vowels should be replaced by *

The second word should be changed like all consonants should be replaced by @

The third word should be changed like all char should be converted to upper case

Then concatenate the three words and print them

Other than these concatenated word, no other characters/string should or message should be written to output

For example if you print **how are you** then output should be **h*wa@eYOU**.

You can assume that input of each word will not exceed more than 5 chars

2. Check whether string2 is in string1 or not?

string1="this is

java"string2=

"java"

output:

True

3. Check the two Strings are anagram or not

Anagram:Two strings must be equal

input:Ramu

umar

output:Anagram

4.Write a

program to

replace a

character at a

specific index

in this string.

Input: String = "Geeks Gor Geeks", index = 6, ch = 'F'

Output: "Geeks For Geeks."