

# Strings in java Assignment(2)

## Assignment(12)

1. Write a simple program to take input from user.

```
Ans:- package String;

import java.util.Scanner;
public class Example1 {
    public static void main(String args[])
    {
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter your name:- ");
        String name = sc.next();
        System.out.println(name);
    }
}
```

2. How do you concatenate two strings in java? Give an example?

Ans:- We can concatenate two strings in java by two method :-

- a. By concat () method : we can add only one string with another string

```
Example :- String s1 = "aditya";

System.out.println(s1.concat("singh"));
```

- b. By (+) plus operator: We can add multiple string at same time with another string.

```
Example:- String s1 = "aditya";

System.out.println(s1+" kumar"+" singh");
```

3. How do you find the length of a string in java Explain with an example.

Ans:- We can use the length() method for finding the length of a string in java.

```
Example:- String s1 = "aditya";

s1 = s1+" kumar "+ " singh";
System.out.println(s1);
System.out.println(s1.length());
```

4. How do you compare two strings in java? Give an example.

Ans:- We can compare two strings in java by two method:-

- a. By (==) equal equal operator , by the help of this method actually we are comparing the references of the String , not actual value/string.

Example:- `String s1 = "aditya";`

```
String s2 = "kumar";  
System.out.println(s1==s2);
```

- b. By equals() method , by the help of equals method actually we are comparing the value/string , not just reference.

Example:- `String s1 = "aditya";`

```
String s2 = new String("aditya");  
System.out.println(s1.equals(s2));
```

5. Write a program to find the length of the string "refrigerator".

Ans:- `String str = new String ("refrigerator");`

```
int length = str.length();  
System.out.println(length);
```

6. Write a program to check if the letter 'e' is present in the word 'Umbrella'.

Ans:-

```
String str = new String("Umbrella");  
int index = str.indexOf('e');  
if(index>=0)  
{  
    System.out.println(true);  
}  
else  
{  
    System.out.println(false);  
}
```

7. Write a program to delete all constants from the string "Hello, have a good day".

Ans:- `String input = "Hello, Have a good day";`

```
String regex = "([aeiouAEIOU0-9]+)";  
String result = input.replaceAll(regex, "");  
System.out.println("Result: "+result);
```