1:

**package** pkg\_2\_Strings;

**public** **class** StringDemo1

{

**public** **static** **void** main(String[] args)

{

String x = "James Smith";

String y = "Welcome to Selenium World";

**boolean** jjj = x.startsWith("J");

System.***out***.println(jjj);

**boolean** result1 = x.startsWith("h",10);

System.***out***.println("result" + " " + result1);

//using startwith method

**boolean** result2 = x.startsWith("James");

System.***out***.println("StatusX ==> " + result2);

//using endswith method

**boolean** result3 = y.endsWith("World");

System.***out***.println("StatusY ==> "+result3);

String actualString = "Hello James Bond";

String expectedString = "Hello james Bond";

//using equals method

**boolean** result4 = actualString.equals(expectedString);

System.***out***.println("The new status ===> " + result4);

//using equalsIgnoreCase method

**boolean** result5 = actualString.equalsIgnoreCase(expectedString);

System.***out***.println("Status z ==> " +result5);

@SuppressWarnings("unused")

String Sample1 = "Selenium Web Driver";

String Sample2 = "My Selenium Web Driver for FireFox Browser";

//using contains method

**boolean** result6 = Sample2.contains("Selenium");

System.***out***.println("StatusSample ==> " + result6);

}

}

2:

**package** pkg\_2\_Strings;

**public** **class** StringDemo2

{

**public** **static** **void** main(String[] args)

{

String browser = "DesiBrowser";

//if - else case

**if**(browser.equalsIgnoreCase("FireFox"))

{

System.***out***.println("Test Cases executed on FireFox browser");

}

**else**

{

System.***out***.println("Test Cases executed on Chrome browser");

}

//if - else if case

**if**(browser.equalsIgnoreCase("FireFox"))

{

System.***out***.println("Test Cases executed on FireFox browser");

}

**else** **if**(browser.equalsIgnoreCase("Chrome"))

{

System.***out***.println("Test Cases executed on Chrome browser");

}

**else** **if**(browser.equalsIgnoreCase("IE"))

{

System.***out***.println("Test Cases executed on IE browser");

}

**else** **if**(browser.equalsIgnoreCase("Safari"))

{

System.***out***.println("Test Cases executed on Safari browser");

}

**else**

{

System.***out***.println("No Valid Browser found !!!!!!");

}

}

}

3.

**package** pkg\_2\_Strings;

**public** **class** StringDemo3 {

**public** **static** **void** main(String[] args) {

String name = "John";

String value = *mymethod*(name);

System.***out***.println(value);

}

**public** **static** String mymethod(String x) {

String y = "ThankYou Sir";

System.***out***.println("Hello " + x);

**return** y;

}

}

4:

**package** pkg\_99999\_InterviewMaybe;

**import** org.apache.commons.lang3.StringUtils;

**public** **class** StringManipulation {

**public** **static** **void** main(String[] args) {

String s1 = "This is strings #1";

//

// System.out.println(s1.length()); // length

//

// System.out.println(s1.charAt(15)); // character at position 15

System.***out***.println(s1.indexOf('s')); // 1st. Occurance of s

System.***out***.println(s1.indexOf('s', (s1.indexOf('s') + 1))); // 2nd.Occurance

System.***out***.println(s1.indexOf('s', (s1.indexOf('s') + (s1.indexOf('s')) + 1)));

System.***out***.println("=====================");

// using StringUtils Class and ordinalIndexof Method

System.***out***.println(StringUtils.*ordinalIndexOf*(s1, "s", 1));

System.***out***.println(StringUtils.*ordinalIndexOf*(s1, "s", 2));

System.***out***.println(StringUtils.*ordinalIndexOf*(s1, "s", 3));

System.***out***.println("=====================");

**int** index = *findOccurance*(s1, 's', 1);

System.***out***.println("index = " + index);

**int** index1 = *findOccurance*(s1, 's', 2);

System.***out***.println("index = " + index1);

**int** index2 = *findOccurance*(s1, 's', 3);

System.***out***.println("index = " + index2);

// System.out.println(s1.indexOf('1')); // index where 1 is

//

// System.out.println(s1.indexOf("string")); // index where string

// starts

//

// System.out.println(s1.indexOf("OK")); // -1 ==>does not exist

//

// // string comparison

// String s2 = "This is String #1";

//

// System.out.println(s1.equals(s2));

//

// System.out.println(s1.equalsIgnoreCase(s2));

//

// // substring: This

// System.out.println(s1.substring(0, 4));

//

// String s3 = " John Doe ";

//

// // trim

// System.out.println(s3.trim());

//

// // replace

// System.out.println(s3.replace(" ", ""));

//

// String date = "01-04-2018";

//

// // replace

// System.out.println(date.replace("-", "/"));

//

// // split

// String s4 = "Learn\_Java\_and\_Selenium";

// String s5[] = s4.split("\_");

// for (int i = 0; i < s5.length; i++) {

// System.out.println(s5[i]);

// }

//

// String x = "Good";

// String y = "Morning";

// int a = 1;

// int b = 2;

//

// System.out.println(x + y);

// System.out.println(a + b);

// System.out.println(x + y + a + b);

// System.out.println(a + b + x + y);

// System.out.println(x + y + (a + b));

}

/\*

\* static method used: so that you CAN use it without creating an object !!!

\*/

**private** **static** **int** findOccurance(String givenString, **char** givenChar, **int** n) {

/\*

\* givenString : String you are going to search in : s1 givenChar : The

\* character you are looking for : s n : The occurence of s you are

\* looking for : 3

\*/

**int** count = 0;

**for** (**int** i = 0; i < givenString.length(); i++) {

**char** c = givenString.charAt(i);

**if** (c == givenChar) {

count++;

System.***out***.println("Found s at index " + i);

}

**if** (count == n) {

**return** i;

}

}

**return** count;

}

}

5:

**package** pkg\_2\_Strings;

**public** **class** StringDemo3 {

**public** **static** String mymethod(String name) {

String y = "ThankYou Sir";

y = "Hello "+ name + y;

//System.out.println("Hello " + name);

**return** y;

}

**public** **static** **void** main(String[] args) {

String name = "John";

String returnValue = *mymethod*(name);

System.***out***.println(returnValue);

}

}

6.

**package** pkg\_00000\_ClassWork;

**public** **class** ConstructorExample {

String name="Just Kidding";

**public** ConstructorExample()

{

System.***out***.println("Default Constructor");

}

**public** ConstructorExample(**int** i)

{

System.***out***.println("Single parameter Constructor");

System.***out***.println("The value of i = " + i);

}

**public** ConstructorExample(**int** i, **int** j)

{

System.***out***.println("Double parameter Constructor");

System.***out***.println("The value of i = " + i);

System.***out***.println("The value of j = " + j);

}

**public** **static** **void** main(String[] args)

{

ConstructorExample obj1 = **new** ConstructorExample();

ConstructorExample obj2 = **new** ConstructorExample(10);

ConstructorExample obj3 = **new** ConstructorExample(10, 50);

System.***out***.println("obj1 printing: "+obj1.name);

System.***out***.println("obj2 printing: "+obj2.name);

System.***out***.println("obj3 printing: "+obj3.name);

}

}

7.

**package** pkg\_00000\_ClassWork;

**public** **class** ConstructorExample2 {

// Instance variable

**static** String *name*;

**static** **int** *rollNo*;

**static** **int** *studentId*;

**static** String *SchoolName* = "MySchool";

**public** ConstructorExample2(**int** no,String n, **int** id )

{

**this**.*name* = n;

**this**.*rollNo* = no;

**this**.*studentId* = id;

}

**public** **static** **void** main(String[] args) {

ConstructorExample2 Student1 = **new** ConstructorExample2(1001,"Amin",1);

System.***out***.println("Student1 Details");

System.***out***.println("Name = "+*name*);

System.***out***.println("Rollno = "+*rollNo*);

System.***out***.println("Id = "+*studentId*);

System.***out***.println("School = "+*SchoolName*);

}

}