1. Write a Java program to get the character at the given index within the String

Original String = Java Exercises!

The character at position 0 is J

The character at position 10 is i

**package** com.cts.javaTraining;

**import** java.util.Scanner;

/\*\*

\* **@author** 776480

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\*/

**public** **class** CharAtusergivenIndex {

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

String s = "Java Exercises";

Scanner sc = **new** Scanner(System.***in***);

System.***out***.println("Enter index number: ");

**int** index1 = sc.nextInt();

**int** index2 = sc.nextInt();

System.***out***.println("The character at position" + index1 + "is: " + s.charAt(index1));

System.***out***.println("The character at position" + index2 + "is: " + s.charAt(index2));

}

}

1. Write a Java program to compare a given string to the specified string buffer

Comparing example.com and example.com: true

Comparing Example.com and example.com: false

**package** com.cts.javaTraining;

**import** java.util.Scanner;

/\*\*

\* **@author** 776480

\*

\*/

**public** **class** StringBuffer1 {

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

Scanner sc = **new** Scanner(System.***in***);

System.***out***.println("Enter the string");

String str = sc.next();

String str1 = "example.com";

StringBuffer sb = **new** StringBuffer(str1);//passing string as a argument

**if** (str.equals(str1)) {

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

} **else** {

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

}

}

}

1. Write a java program to print current date and time in the specified format.

Current Date and Time :

June 19, 2019

6:15 pm

**package** com.cts.javaTraining;

/\*\*

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\*

\*/

**import** java.util.\*;

**import** java.text.\*;

**public** **class** DateDemo {

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

Date dNow = **new** Date( );

SimpleDateFormat ft =

**new** SimpleDateFormat ("MMMM dd,yyyy\n hh:mm a");

System.***out***.println("Current Date: " +ft.format(dNow));

}

}

1. Write a Java program to concatenate a given string to the end of another string

String 1: PHP Exercises and

String 2: Python Exercises

The concatenated string: PHP Exercises and Python Exercises

**package** com.cts.javaTraining;

/\*\*

\* **@author** 776480

\*

\*/

**public** **class** Concatination {

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

// **TODO** Auto-generated method stub

String str1 = "PHP Exercises and";

String str2 = "Python Exercises";

System.***out***.println("The concatenated string: "+str1+" "+str2);

}

}

1. Write a java program to get the length of a given string

The string length of 'example.com' is: 11

**package** com.cts.javaTraining;

/\*\*

\* **@author** 776480

\*

\*/

**public** **class** LengthOfString {

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

String str="example.com";

System.***out***.println("The string length of "+str+" is : "+str.length());

}

}