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

**public** **class** StringBuffer2 {

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

String str1 = "google.com", str2 = "Google.com";

StringBuffer strbuf = **new** StringBuffer(str1);

System.***out***.println("Comparing "+str1+" and "+strbuf+": " + str1.contentEquals(strbuf));

System.***out***.println("Comparing "+str2+" and "+strbuf+": " + str2.contentEquals(strbuf));

}

}

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1. Write a Java program to create a new String object with the contents of a character array?

**public** **class** StringBuffer2 {

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

{

// Character array with data.

**char**[] arr\_num = **new** **char**[] { '1', '2', '3', '4' };

// Create a String containig the contents of arr\_num

// starting at index 1 for length 2.

String str = String.*copyValueOf*(arr\_num, 1, 3);

// Display the results of the new String.

System.***out***.println("\nThe book contains " + str +" pages.\n");

}

}

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1. Write a Java program to check whether a given string ends with the contents of another string?

**public** **class** StringBuffer2 {

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

{

String str1 = "Python Exercises";

String str2 = "Python Exercise";

// The String to check the above two Strings to see

// if they end with this value (se).

String end\_str = "se";

// Check first two Strings end with end\_str

**boolean** ends1 = str1.endsWith(end\_str);

**boolean** ends2 = str2.endsWith(end\_str);

// Display the results of the endsWith calls.

System.***out***.println("\"" + str1 + "\" ends with " +

"\"" + end\_str + "\"? " + ends1);

System.***out***.println("\"" + str2 + "\" ends with " +

"\"" + end\_str + "\"? " + ends2);

}

}

Graphical user interface, application

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1. Write a Java program to check whether two String objects contain the same data?

**public** **class** StringBuffer2 {

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

{

String columnist1 = "Stephen Edwin King";

String columnist2 = "Walter Winchell";

String columnist3 = "Mike Royko";

// Are any of the above Strings equal to one another?

**boolean** equals1 = columnist1.equals(columnist2);

**boolean** equals2 = columnist1.equals(columnist3);

// Display the results of the equality checks.

System.***out***.println("\"" + columnist1 + "\" equals \"" +

columnist2 + "\"? " + equals1);

System.***out***.println("\"" + columnist1 + "\" equals \"" +

columnist3 + "\"? " + equals2);

}

}

Graphical user interface, text, application

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

**import** java.util.Calendar;

**public** **class** StringBuffer2 {

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

Calendar c = Calendar.*getInstance*();

System.***out***.println("Current Date and Time :");

System.***out***.format("%tB %te, %tY%n", c, c, c);

System.***out***.format("%tl:%tM %tp%n", c, c, c);

}

}

Graphical user interface, text, application

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1. Write a Java program to get the contents of a given string as a byte array?

**import** java.util.Calendar;

**public** **class** StringBuffer2 {

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

{

String str = "This is a sample String.";

// Copy the contents of the String to a byte array.

**byte**[] byte\_arr = str.getBytes();

// Create a new String using the contents of the byte array.

String new\_str = **new** String(byte\_arr);

// Display the contents of the byte array.

System.***out***.println("\nThe new String equals " +

new\_str + "\n");

}

}

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