STRING QUESTIONS

1.Hello

import java.util.\*;

public class str {

public static void main(String[] args) {

// Initialized a String variable

String str = "Hello World";

// Initialized a count variable which will store the length

int count = str.length();

// Printed the count variable or the length of String.

System.out.println("The String has " +count +" characters");

}

}

2.program 2

import java.util.\*;

public class Join

{

public static void main(String Args[])

{

String s1="Hello";

String s2="How are you?";

String out=s1.concat(s2);

System.out.print("Strings offer concatenation":+out);

}}

3.(3a)lower case

import java.util.\*;

class Threea {

public static void main(String args[])

{

String s = "Java String pool refers to collecction of String which are stored in a heap memory";

String glen1 = s.toLowerCase();

System.out.println(glen1);

}

}

3B.UPPER CASE

class Glen {

public static void main(String args[])

{

String s = "Java String pool refers to collecction of String which are stored in a heap memory";

String glen1 = s.toupperCase();

System.out.println(glen11);

}  
}

3c.replace

import java.util.\*;

public class Threec

{

public static void main(String args[])

{

String s1="Java String pool refers to collecction of String which are stored in a heap memory";

String replaceString=s1.replace("a","$");

System.out.println(replaceString);

}

}

3d.

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3e.

import java.util.\*;

public class Threed{

public static void main(String args[])

{

String string1 = new String("Java String pool refers to collecction of String which are stored in a heap memory");

String string2 = new String("java string pool refers to colllection of string which are stored in a heap memory");

System.out.println("Comparing " + string1 + " and " + string2 + " : " + Objects.equals(string1, string2));

}

}

3f.

import java.lang.\*;

public class Threef {

public static void main(String[] args) {

String str1 = "Java String pool refers to collecction of String which are stored in a heap memory";

String str2 = "java string pool refers to colllection of string which are stored in a heap memory";

boolean retval1 = str2.equals(str1);

System.out.println("str2 is equal to str1 = " + retval1);

}}

STRINGBUFFER QUESTIONS

1.

public class buffera

{

public static void main(String[] args)

{

StringBuffer sbf1=new StringBuffer("StringBuffer");

System.out.println("String Buffer 1:"+sbf1);

StringBuffer sbf2=new StringBuffer("is a peer class of String");

System.out.println("String Buffer 2:"+sbf2);

StringBuffer sbf3=new StringBuffer("that provides much of");

System.out.println("String Buffer 3:"+sbf3);

StringBuffer sbf4=new StringBuffer("the functionality of strings");

System.out.println("String Buffer 2:"+sbf4);

sbf1.append(sbf2);

sbf1.append(sbf3);

sbf1.append(sbf4);

System.out.println(" ");

System.out.println("After appending:"+sbf1);

}

}

2. insert string program

import java.lang.\*;

public class bufferb {

public static void main(String[] args) {

String str = "it is used to at the specified index position ";

String newSub = " insert text ";

int index = 13;

System.out.println("Initial String = " + str);

System.out.println("Index where new string will be inserted = " + index);

StringBuffer resString = new StringBuffer(str);

resString.insert(index + 1, newSub);

System.out.println("Resultant String = "+resString.toString());

}

}

3.revrse string program

import java.lang.\*;

public class bufferc {

public static void main(String args[])

{

StringBuffer sbf = new StringBuffer("The methods retruns the reversed object on which it was called");

System.out.println("String buffer = " + sbf);

sbf.reverse();

System.out.println("String buffer after reversing = " + sbf);

}

},

STRING BUILDER

1.PROGRAM BUILDER

public class buildera

{

public static void main(String[] args)

{

StringBuilder sb=new StringBuilder("String Buffer");

String s1="is a peer class of string";

String s2="that provides much of";

String s3="the functionality of strings";

sb.append(s1);

sb.append(s2);

sb.append(s3);

System.out.println("After appending using StringBuilder:"+sb);

}

}

2.

import java.lang.\*;

public class builderb {

public static void main(String[] args) {

StringBuilder str = new StringBuilder("it is used to at the specified index position ");

System.out.println("string = " + str);

// insert character value at offset 8

str.insert(, 'insert text');

// prints StringBuilder after insertion

System.out.print("After insertion = ");

System.out.println(str.toString());

}

}

3.

import java.lang.\*;

class builderc {

public static void main(String[] args)

{

StringBuilder str

= new StringBuilder("The methods retruns the reversed object on which it was called");

System.out.println("String = " + str.toString());

StringBuilder reverseStr = str.reverse();

System.out.println("Reverse String = " + reverseStr.toString());

}

}