String Assignment

1. Determine the length of String str =”Hello World ”;

A:

public class FindLength {

public static void main(String args[]) {

String s= "Hello World";

System.out.println(s.length());

}

}

OUTPUT: 10

1. Join two String using method

A :

public class MyClass {

public static void main(String args[]) {

String s= "Hello,";

String s1= " how are you?";

String s3= s.concat(s1);

System.out.println(s3);

}

}

OUTPUT: Hello, how are you?

1. public class Operation {

public static void main(String args[]) {

String str= "java String constant pool refers to collection of strings which are Stored in heap memory ";

String s1= str.toLowerCase();

String s2= str.toUpperCase();

String s3= str.replace("a" , "$");

boolean s4= str.contains("collection");

boolean s5 = str.equals(s1);

boolean s6 = str.equalsIgnoreCase(s1);

System.out.println(s1);

System.out.println(s2);

System.out.println(s3);

System.out.println(s4);

System.out.println(s5);

System.out.println(s6);

}

}

OUTPUT: java string constant pool refers to collection of strings which are stored in heap memory

JAVA STRING CONSTANT POOL REFERS TO COLLECTION OF STRINGS WHICH ARE STORED IN HEAP MEMORY

j$v$ String const$nt pool refers to collection of strings which $re Stored in he$p memory

true

false

true

1. StringBuffer

4.1

**public** **class** Append {

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

{

StringBuffer sb1= **new** StringBuffer("StringBuffer");

StringBuffer sb2=**new** StringBuffer(" is a peer class of String ");

StringBuffer sb3=**new** StringBuffer(" That provide much of ");

StringBuffer sb4=**new** StringBuffer(" the functionalities of strings.");

StringBuffer str1 = sb1.append(sb2);

StringBuffer str2 = str1.append(sb3);

StringBuffer str3 = str2.append(sb4);

System.***out***.println(str3);

}

}

**Output:**

StringBuffer is a peer class of String That provide much of the functionalities of strings

4.2 Replace “insert text” in place of \_ “It is used to \_ at specific index position”

public class Replace {

public static void main(String args[]) {

StringBuffer s= new StringBuffer("It is used to \_ at specific index position");

s.replace(14,15, "insert text");

System.out.println(s);

}

}

OUTPUT: It is used to insert text at specific index position.

* 1. . Reverse the following String “this method returns the reverse object on which is was called ” using String buffer class.

public class ReverseString {

public static void main(String args[])

{

StringBuffer sb = new StringBuffer("This method returns the reverse object on which is was called");

sb.reverse();

System.out.println("after reversing = " + sb);

}

}

Ans: dellac saw si hcihw no tcejbo esrever eht snruter dohtem sihT

5) StringBuilder

5.1 .

**public** **class** Append {

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

{

StringBuilder sb1= **new** StringBuilder("StringBuilder");

StringBuilder sb2=**new** StringBuilder (" is a peer class of String ");

StringBuilder sb3=**new** StringBuilder (" That provide much of ");

StringBuilder sb4=**new** StringBuilder (" the functionalities of strings.");

StringBuilder str1 = sb1.append(sb2);

StringBuilder str2 = str1.append(sb3);

StringBuilder str3 = str2.append(sb4);

System.***out***.println(str3);

}

}

**Output:**

StringBuilder is a peer class of String That provide much of the functionalities of strings

5.2.

public class MyClass {

public static void main(String args[]) {

StringBuilder s= new StringBuilder("It is used to \_ at specific index position");

s.replace(14,15, "insert text");

System.out.println(s);

}

}

Output: It is used to insert text at specific index position.

5.3. . Reverse the following String “this method returns the reverse object on which is was called ” using String buffer class.

public class ReverseString {

public static void main(String args[])

{

StringBuilder sb = new StringBuilder("This method returns the reverse object on which is was called");

sb.reverse();

System.out.println("after reversing = " + sb);

}

}

Output:

dellac saw si hcihw no tcejbo esrever eht snruter dohtem sihT