**String Assignment**

1. **public** **class** Lengthofstring {

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

String str1 = "Hello World";

**int** len = str1.length();

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

}

}

1. **public** **class** JoinStrings {

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

StringBuffer buffer = **new** StringBuffer("Hello,");

buffer.append(" How are you?");

System.***out***.println("After joining the two strings: "+buffer);

}

}

1. **public** **class** StringPoolHeap {

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

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

str1.toLowerCase();

String str5 = str1.toLowerCase();

System.***out***.println("New: "+str5);

}

}

1. **public** **class** StringPoolHeap {

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

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

str1.toUpperCase();

String str5 = str1.toUpperCase();

System.***out***.println("New: "+str5);

}

}

1. **public** **class** StringPoolHeap {

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

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

String s3 = str1.replace('a', '$' ); //This is case sensitive

System.***out***.println("Replaced Version: "+s3);

}

}

1. **public** **class** StringPoolHeap {

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

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

**if** (str1.contains("collection"))

{

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

}

**else**

{

System.***out***.println("No");

}

}

}

1. **public** **class** StringPoolHeap {

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

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

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

**if**(str1 == str2)

{

System.***out***.println("It Matches!");

}

**else**

{

System.***out***.println("Does not Match!");

}

}

}

1. **public** **class** StringPoolHeap {

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

String str1 = **new** String("Java String pool refers to collection of Strings which are stored in heap memory");

String str2 = **new** String("java string pool refers to collection of strings which are stored in heap memory");

**if** (str1.equals(str2))

{

System.***out***.println("Both Matches!");

}

**else**

{

System.***out***.println("Does not Match!");

}

}

}

1. **public** **class** StringPoolHeap {

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

{

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

buffer.append(" is a peer class of String");

buffer.append(" that provides much of");

buffer.append(" the functionality of strings");

System.***out***.println("Appended String: "+buffer);

}

}

1. **public** **class** StringPoolHeap {

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

{

StringBuffer newString = **new** StringBuffer("It is used to at the specified index position");

newString.insert(13, " insert text");

System.***out***.println("New String: "+newString);

}

}

1. **public** **class** StringPoolHeap

{

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

{

StringBuffer str = **new** StringBuffer("This method returns the reversed object on which it was called");

System.***out***.println("The Given String is: "+str);

str.reverse();

System.***out***.println("The String after the reverse: "+str);

}

}

1. **public** **class** StringPoolHeap {

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

{

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

builder.append(" is a peer class of String");

builder.append(" that provides much of");

builder.append(" the functionality of strings");

System.***out***.println("Appended String: "+builder);

}

}

1. **public** **class** StringPoolHeap {

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

{

StringBuilder newString = **new** StringBuilder("It is used to at the specified index position");

newString.insert(13, " insert text");

System.***out***.println("New String: "+newString);

}

}

1. **public** **class** StringPoolHeap

{

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

{

StringBuilder str = **new** StringBuilder("This method returns the reversed object on which it was called");

System.***out***.println("The Given String is: "+str);

str.reverse();

System.***out***.println("The String after the reverse: "+str);

}

}