1. **Print the length of string “hello wrold”**

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

String str = "Hello World";

System.***out***.println("Length of given string is = "+ str.length());

}

1. **String concatenation..**

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

String str = "Hello";

String str2="How are you";

System.***out***.println(str+" " + str2);

String s3 = str.concat(str2);

System.***out***.println(s3);

}

1. **A> "Java String pools refers to the COLLECTION which is stored in HEAP" convert this string into lowercase**

String str = "Java String pools refers to the COLLECTION which is stored in HEAP";

System.***out***.println("Original string");

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

System.***out***.println("AFter applying lowercase ");

System.***out***.println(str.toLowerCase());

B> to upper case

String str = "Java String pools refers to the COLLECTION which is stored in HEAP";

System.***out***.println("Original string");

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

System.***out***.println("AFter applying Uppercase ");

System.***out***.println(str.toUpperrCase());

C> Replace a char̥acter with $ in above string

String str = "Java String pools refers to the COLLECTION which is stored in HEAP";

System.***out***.println(str.replace("a", "$"));

D> check string contains Collection word

String str = "Java String pools refers to the COLLECTION which is stored in HEAP";

System.***out***.println(str.contains("COLLECTION"));

E> check if it matched..

String str = "Java String pools refers to the COLLECTION which is stored in HEAP";

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

String str2=str.toLowerCase();

**if** (str==str2) //check on reference based

{

System.***out***.println("Matched! Both are equal");

}

**else**

{

System.***out***.println("No both string are different");

}

F> check both string are matched…

String str = "Java String pools refers to the COLLECTION which is stored in HEAP";

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

String str2=str.toLowerCase();

**if** (str.equals(str2)) //check on content base

{

System.***out***.println("Matched! Both are equal");

}

**else**

{

System.***out***.println("No both string are different");

}

**Assignment on StringBuffer**

1. Using stringbuffer add these elements ..

StringBuffer str=**new** StringBuffer();

str.append("String Buffer ");

str.append("is a peer class of string ");

str.append("that provide more ");

str.append("functionality to string ");

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

1. Insert text in stringBuffer

StringBuffer str=**new** StringBuffer();

str.append("it is used to at specified index postion ");

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

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

1. Reverse the string

StringBuffer str=**new** StringBuffer();

str.append("this method return the reverse object on which it is called");

System.***out***.println(str.reverse());

**Assignment on StringBuilder**

1. Using stringbuilder add these elements ..

StringBuilder str=**new** StringBuilder();

str.append("String Buffer ");

str.append("is a peer class of string ");

str.append("that provide more ");

str.append("functionality to string ");

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

1. Insert text in stringBuilder

StringBuilder str=**new** StringBuilder();

str.append("it is used to at specified index postion ");

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StringBuilder str=**new** StringBuilder();

str.append("this method return the reverse object on which it is called");

System.***out***.println(str.reverse());