**Assignment-3**

**String Class**

1)

public class Main {

public static void main(String[] args) {

String str = "Hello World";

System.out.println("The length of the string: "+str.length());

}

}

2)

public class string {

public static void main(String[] args) {

String s1 = "Hello";

String s2 = "How are you";

System.out.println(s1.concat(s2));

}

}

3)

public class StringClass {

public static void main(String[] args) {

String s1= new String("Java String pool refers to collection of String which are storted in heap memory");

String s2= new String("java string pool refers to collection of String which are storted in heap memory");

System.out.println(s1.toLowerCase());

System.out.println(s1.toUpperCase());

System.out.println(s1.replace('a', '$'));

System.out.println(s1.equals(s2));

System.out.println(s1.equalsIgnoreCase(s2));

System.out.println(s1.contains("collection"));

}

}

**StringBuffer Class**

1)

**public** **class** StringBuffer {

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

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

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

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

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

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

}

}

2)

**class** StringBuffer {

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

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

sb.insert(14,"insert text");

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

}

}

3)

**class** StringBuffer {

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

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

sb.reverse();

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

}

}