//find length of the String

package String\_assign;

public class String1

{

public static void main(String[] args)

{

String str1 = "Hello World";

int size = str1.length();

System.out.println(size);

}

}

//concatenating 2 Strings

package String\_assign;

public class String2 {

public static void main(String[] args) {

String str1 = "hello";

String str2 = " how are you?";

String str3 = str1.concat(str2);

System.out.println("the concatenated string is: "+str3);

}

}

//performing few operations on String

package String\_assign;

public class String3 {

public static void main(String[] args) {

String str1 = "Java string pool refers to the collection "

+ "of Strings which are stored in heap memory";

System.out.println("1:To lower case: "+str1.toLowerCase());

System.out.println("2:To upper case: "+str1.toUpperCase());

String replaceString = str1.replace('a','$');

System.out.println("3:Replacing all the a's with $: "+replaceString);

String str2 = "collection";

System.out.println("4:does string contains collection: "+str1.contains(str2));

String str3 = "Java string pool refers to the collection "

+ "of Strings which are stored in heap memory";

System.out.println("5: "+str1.contains(str3));

if(str1.equals(str3))

{

System.out.println("6:String1 is equal to String3");

}

else

{

System.out.println("6:String1 is not equal to String3");

}

}

}

//appending by StringBuffer

package String\_assign;

public class StringBuffer1 {

public static void main(String[] args) {

StringBuffer s = new StringBuffer("StringBuffer");

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

s.append(" ,that provides such of , ");

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

System.out.println(s);

}

}

//inserting by StringBuffer

package String\_assign;

public class StringBuffer2 {

public static void main(String[] args) {

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

s.insert(14," build");

System.out.println(s);

}

}

//reversing by StringBuffer

package String\_assign;

public class StringBuffer3 {

public static void main(String[] args) {

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

System.out.println("++++++++++Orginal String+++++++");

System.out.println(s);

s.reverse();

System.out.println("++++++++++Reversed String+++++++");

System.out.println(s);

}

}

//reversing by StringBuilder

package String\_assign;

public class StringBuilder1 {

public static void main(String[] args) {

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

System.out.println("++++++++++Orginal String+++++++");

System.out.println(sb);

sb.reverse();

System.out.println("++++++++++Reversed String+++++++");

System.out.println(sb);

}

}