1)

**package** strings;

**public** **class** Hello {

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

String str = "Hello World";

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

**int** leng = str.length();

System.***out***.println(" length of the string is " + leng);

}

}

2)

**package** strings;

**public** **class** Concat {

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

// **TODO** Auto-generated method stub

String s1="Hello &";

String s2=" How are you ?";

String s3=s1.concat(s2);

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

}

}

3)

**package** strings;

**public** **class** StringExample {

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

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

//lowercase

System.***out***.println("using Lowercase:"+str.toLowerCase());

//Uppercase

System.***out***.println("using Uppercase:"+str.toUpperCase());

//Replace

System.***out***.println("Replace a with $:"+str.replace("a","$"));

//Contains

System.***out***.println("Contains:"+str.contains("collection"));

//match

System.***out***.println("Contains:"+str.contains("java string pool refers to collection of strings which are stored in heap memory"));

//equal

System.***out***.println("equals:"+str.equals("java string pool refers to collection of strings which are stored in heap memory"));

}

}

**Assignment on StringBufferClass**

**package** strings;

**public** **class** StringBufferExample {

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

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

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

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

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

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

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

//insert

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

System.***out***.println("before insertion:"+b);

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

System.***out***.println("after insertion:"+b);

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

//reverse

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

System.***out***.println("Before reverse:"+a);

a.reverse();

System.***out***.println("After reverse:"+a);

}

}

**Assignment on StringBuilderClass**

**package** strings;

**public** **class** StringBuilderExample {

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

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

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

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

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

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

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

//insert

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

System.***out***.println("before insertion:"+b);

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

System.***out***.println("after insertion:"+b);

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

//reverse

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

System.***out***.println("Before reverse:"+a);

a.reverse();

System.***out***.println("After reverse:"+a);

}

}