

### EJERCICIOS PROPUESTOS

**Indique Ud. Lo que imprimen los siguientes fragmentos de código:**

1. 

```
String s1 = new String("El pulpo Paul");
String s2 = s1;
s1.substring(5);
System.out.println(s1 + " " + s2 + " " + (s1.equals(s2)));
StringBuilder sb1 = new StringBuilder("Y Dale U");
StringBuilder sb2=new StringBuilder("Toda la vida");
StringBuilder sb3 = sb2.append("U Campeon");
System.out.println(sb1 + " " + sb2 + " " + (sb1.equals(sb2)));
```
2. 

```
String s1 = new String("Perú, Chile");
String s2 = s1;
s1=s2.replace("t", "C");
System.out.println(s1 + " " + s2 + " " + (s1.equals(s2)));
StringBuilder sb1 = new StringBuilder(" ");
StringBuilder sb2=sb1.append("Brasil");
sb2.replace(7, 10, "Argentina");
System.out.println(sb1 + " " + sb2 + " " + (sb1.equals(sb2)));
```
3. 

```
StringBuffer str1 = new StringBuffer("Java");
String str3 = new String("Version 6.0");
String str4="Version 6.0";
StringBuffer str2 = new StringBuffer(str1);
str2.append("MySql");
System.out.println(str2);
if (str3.equals(str2))
    System.out.println("two");
if (str4==str3)
    System.out.println("three");
if (str3.equals(str4))
    System.out.println("four");
```
4. 

```
String str4="Cibertec";
StringBuffer str2 = new StringBuffer("UPC");
```

```
String str3 = new String(str2);
StringBuffer str1 = new StringBuffer(str2);
str4+="LPI".toLowerCase();
System.out.println(str4.lastIndexOf('C'));
if (str3.equals(str4))
    System.out.println("Java 4.0");
if (str2.equals(str3))
    System.out.println("Java 5.0");
if (str1==str2)
    System.out.println("Java 6.0");
if (str4.equals(str1))
    System.out.println("Java 7.0 - En camino");
```

5. 

```
String a="UPC";
int b = a.length();
StringBuffer sb = new StringBuffer("Sistemas");
sb.substring(4, 4);
sb.replace(2,5,"PC");
if(sb.length() > 2) b = sb.indexOf("P", 3);
sb.replace((b+3), (b+5),"LPI");
System.out.println(sb);
```
6. 

```
int x = "Peru".indexOf('u') ;
StringBuffer h = new StringBuffer("Estados Unidos");
h.insert(14, " De America");
h.insert(15,"Norte");
if(h.length() > 8) x = h.indexOf("s", h.indexOf("a"));
h.replace((x++), x,"s");
System.out.println(h);
```