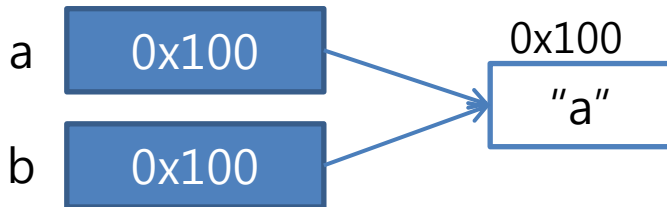


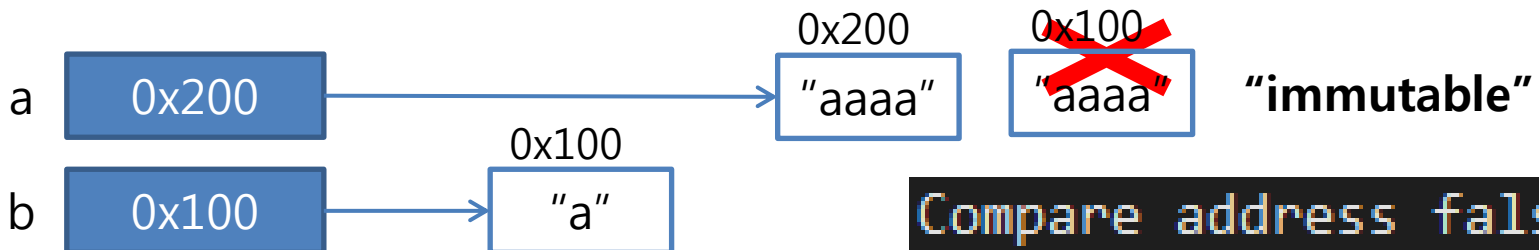
String

```
String a = "a";  
String b = a; // a and b have same address currently  
System.out.println("Compare address " + (a == b));
```



Compare address true

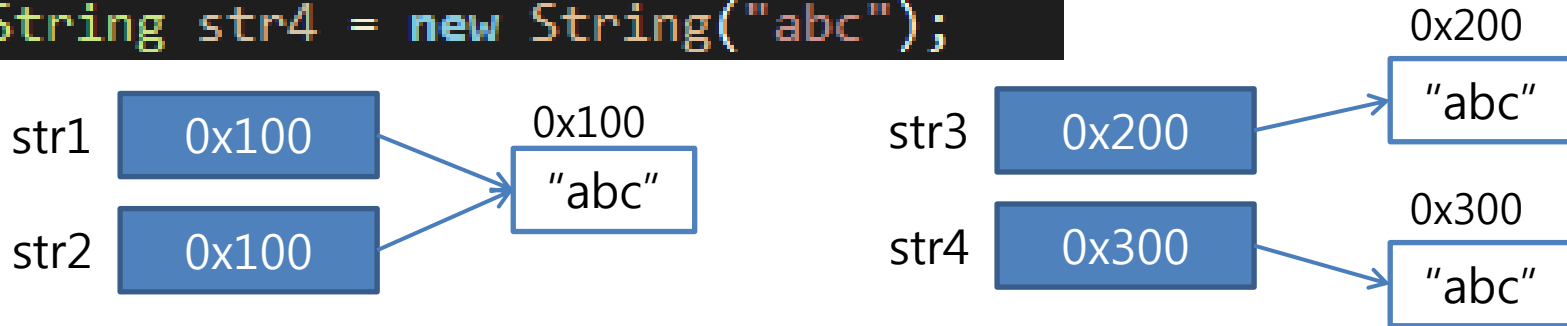
```
a = a + "aaa";  
System.out.println("Compare address " + (a == b));
```



Compare address false

Generating String Object

```
String str1 = "abc";  
String str2 = "abc";  
String str3 = new String("abc");  
String str4 = new String("abc");
```

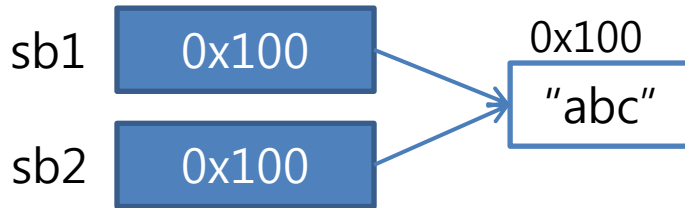


```
System.out.println("Compare address " + (str1 == str2));  
System.out.println("Compare address " + (str3 == str4));  
System.out.println("Compare content " + (str1.equals(str2)));  
System.out.println("Compare content " + (str1.equals(str2)));
```

```
Compare address true  
Compare address false  
Compare content true  
Compare content true
```

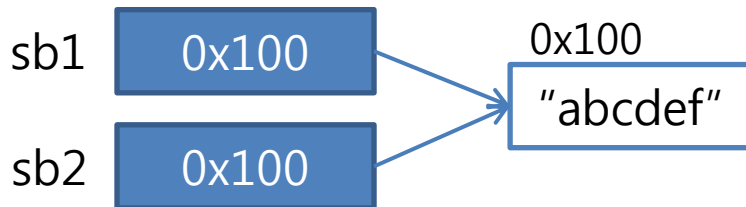
Stringbuffer

```
StringBuffer sb1 = new StringBuffer("abc");  
StringBuffer sb2 = sb1;  
System.out.println("Compare address " + (sb1 == sb2));
```



Compare address true

```
sb1 = sb1.append("def");  
System.out.println("Compare address " + (sb1 == sb2));
```



"mutable"

Compare address true

```
System.out.println("sb1: " + sb1.toString());  
System.out.println("sb2: " + sb2.toString());
```

sb1: abcdef
sb2: abcdef