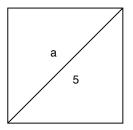
## int a = 5;

## $int[] b = {2};$



```
address

b → value

a[0] → 5
```

```
public static void main(String[] args) {
  int[] a = {5};
  int[] b = {6};
  System.out.println(a[0]); // 5
  System.out.println(b[0]); // 6
  swap2(a, b);
  System.out.println(a[0]); // 6

  System.out.println(b[0]); // 5
}
```

```
private static void swap2(int[] a, int[] b) {
  int c = a[0];
  a[0] = b[0];
  b[0] = c;
}
```

```
String s1 = "Karabakh";
String s2 = "Karabakh";
```

```
s1

Karabakh

Karabakh
```

## **HEAP** String Pool s1 Karabakh Elvin Qarabag Elvin Elvin s2 s3 name3

mutable vs Immutable

name1

name2

name4