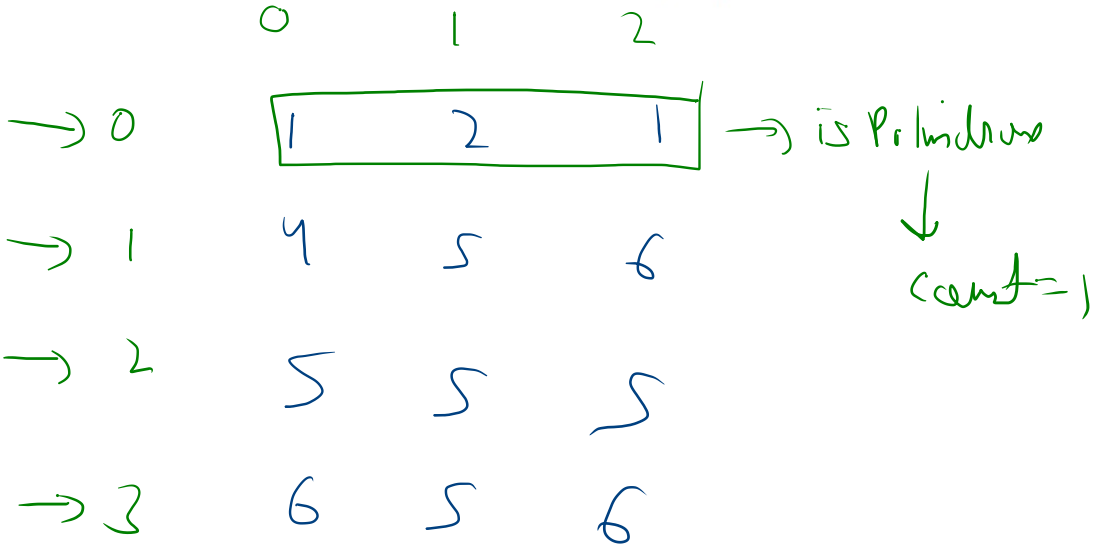
Count All Palindromic Rows (21 July)



Palindrome => 1 2 1 = original
reverse => 1 2 1 = reverse

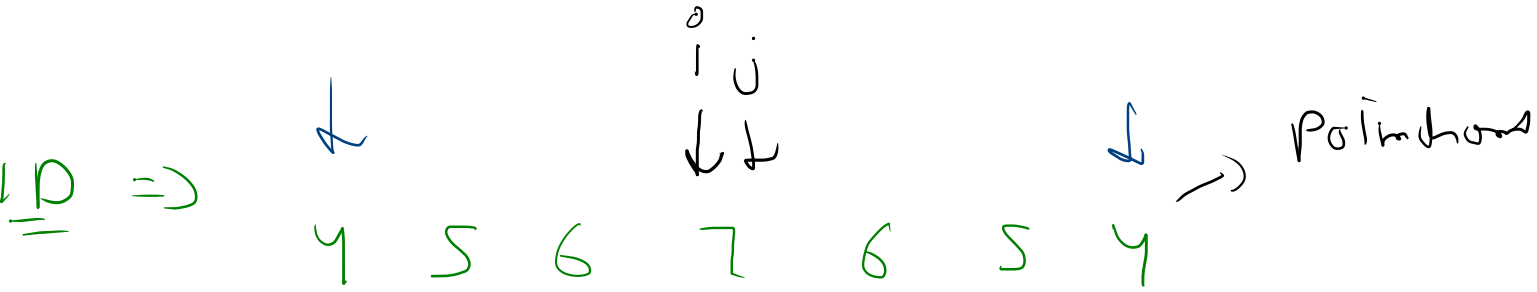
Row = 4 5 6] → not Palindrome

Rev = 6 5 4

q: Whether 1D array is Palindrome or not

→ Even = 1 2 2 1 → 1 2 2 1

odd = 4 5 3 5 4 → 4 5 3 5 4




```
i = 0
j = a-1
```

```
while (i < j) {
    if ( arr[i] == arr[j]){
        i++;
        j--;
    } else {
        return F;
    }
}
```

i j

10 = 6 5 5 6 6

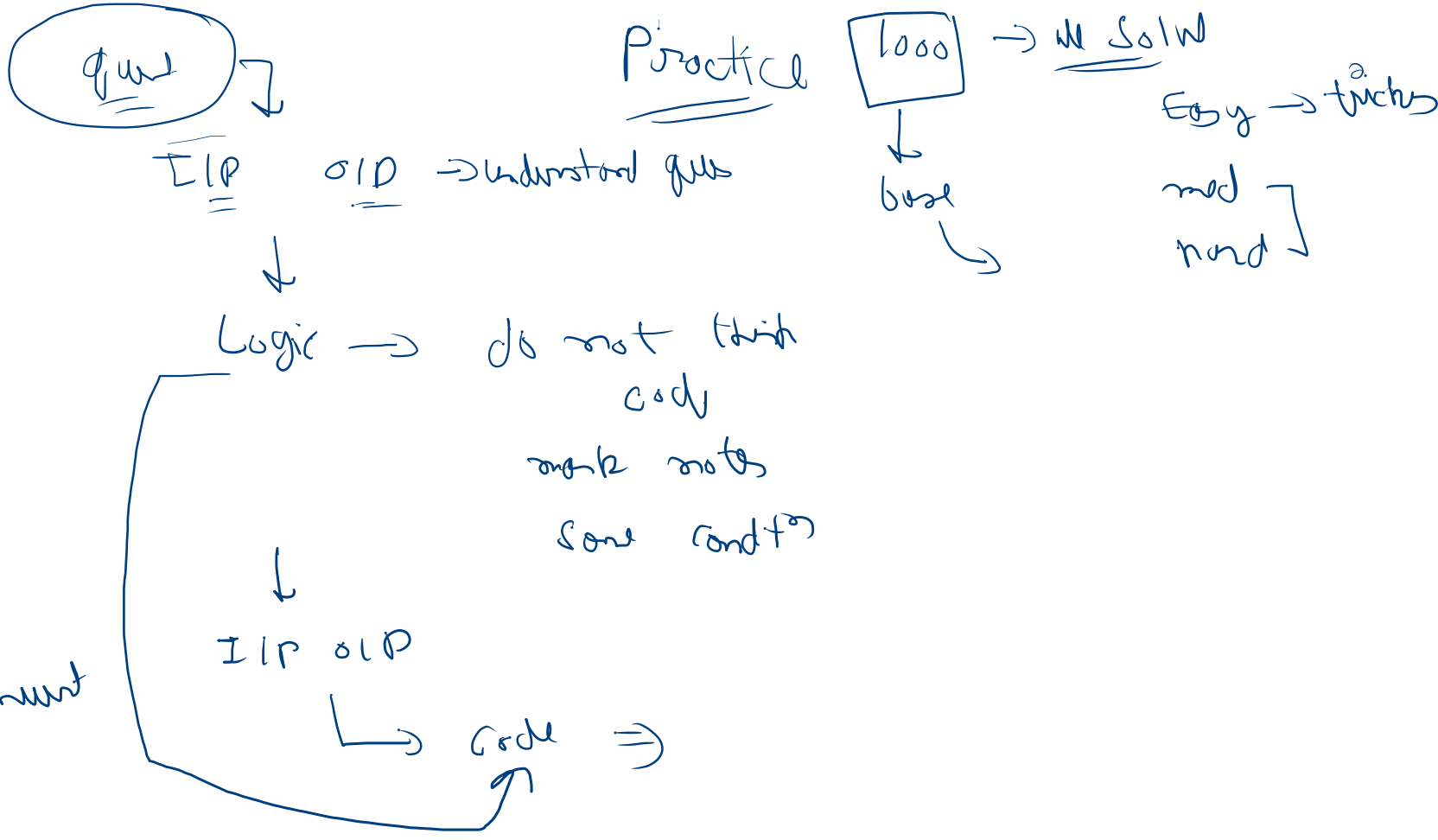
↓

not Palindrom

↓

break


= n - 1;
= arr[j]) {
alse;
Is I Dar
P=
Count PW
main
count P( )
Stack
Heap
Engineering-May-Batch-Java (master)
Engineering-May-Batch-Java/Lecture10 (master)


Qus
Practice
1000
→ M Soln
Easy → 2 ticks
med
hard
base
I/P
O/P
→ understood qus
Logic → do not think
code
only note
some conditn
I/p o/p
Comment
code ⇒

Strings

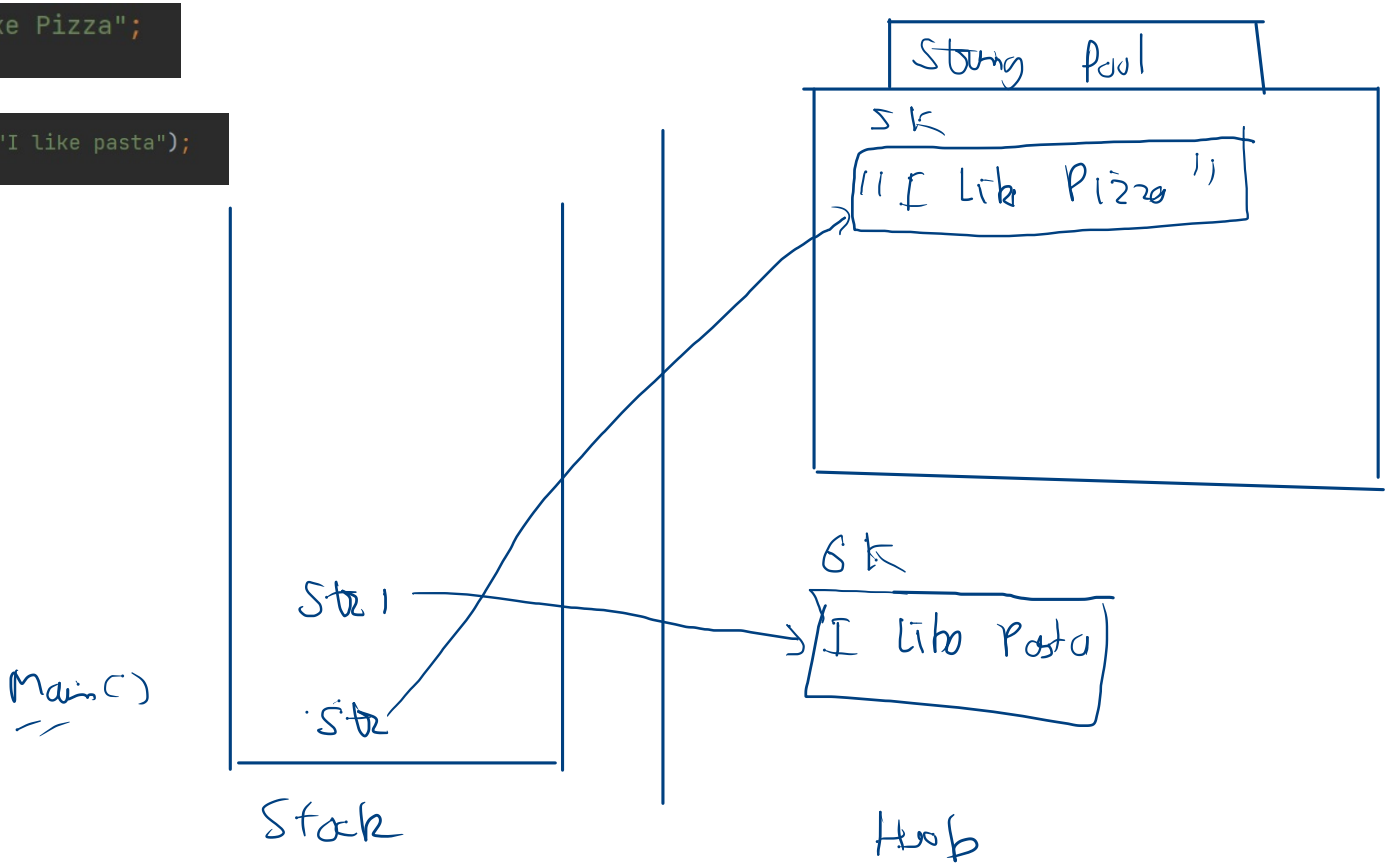
- Collection of characters
- non Primitive
- not immutable → update a String

```
String str = "I like Pizza";
```

0 1 2 3 4 5 6 7 8 9 10 11

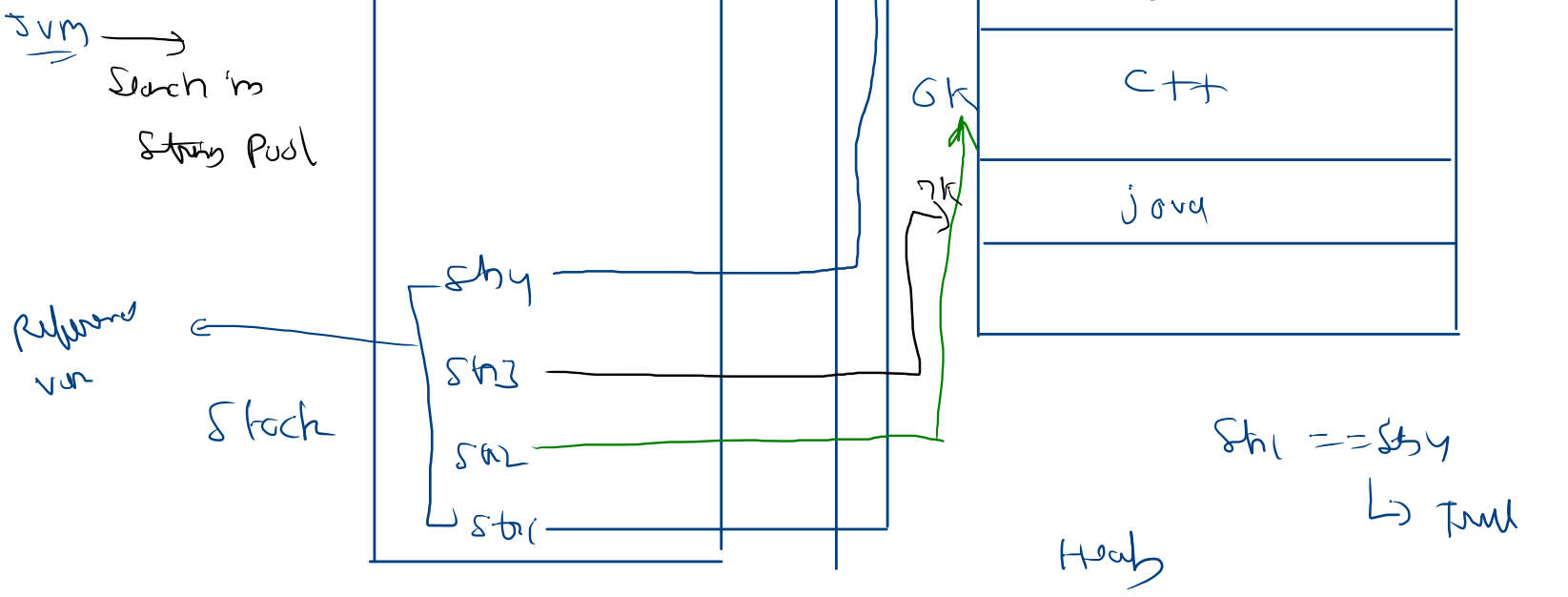
```
String str = "I like Pizza";
```

```
String str1 = new String("I like pasta");
```



String Literal

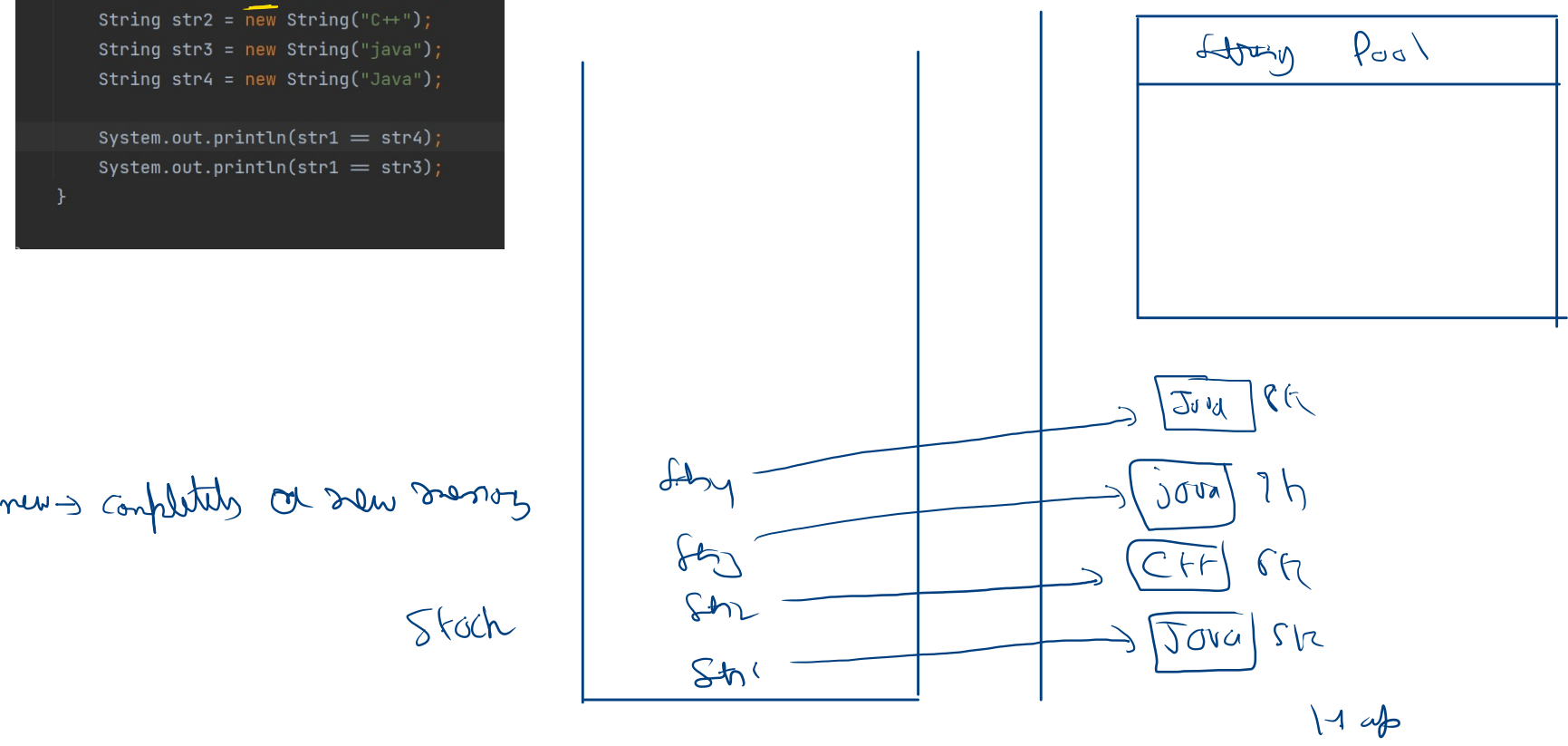
```
String str1 = "Java";
String str2 = "C++";
String str3 = "java";
String str4 = "Java";
```



new keyword

```java
public static void experiment2() {
    String str1 = new String("Java");
    String str2 = new String("C++");
    String str3 = new String("java");
    String str4 = new String("Java");

    System.out.println(str1 == str4);
    System.out.println(str1 == str3);
}
```

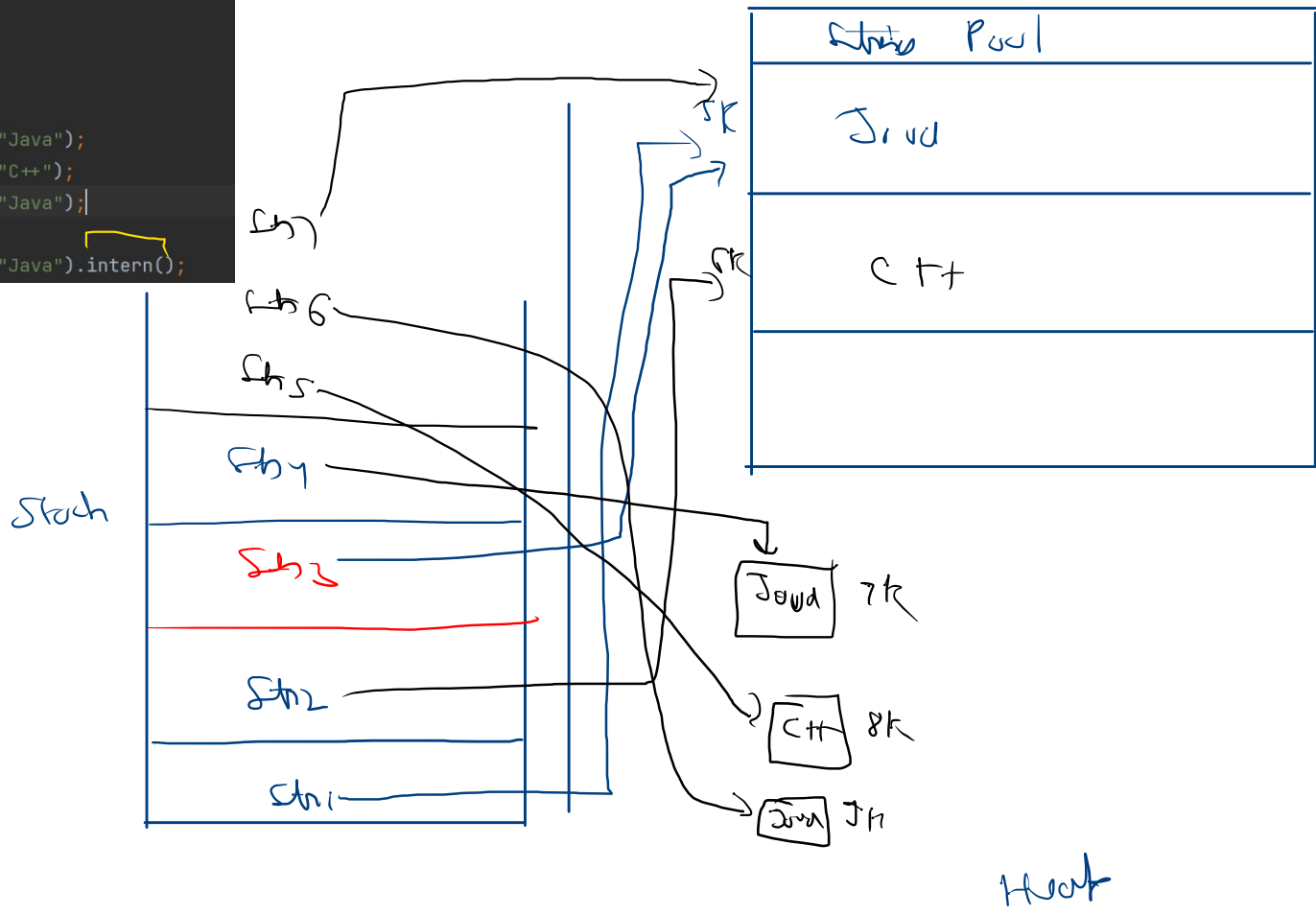


new → completely ek new memory

```java
String str1 = "Java";
String str2 = "C++";
String str3 = "Java";

String str4 = new String("Java");
String str5 = new String("C++");
String str6 = new String("Java");

String str7 = new String("Java").intern();
```



```java
// Str is immutable ⟶ cannot update str

String str1 = "I Like Pizza";
System.out.println(str1);

str1 = str1 + ", Pasta"; // update str1

System.out.println(str1);

String str2 = new String("I like Pizza");
str2 = str2 + ", Pasta"
```