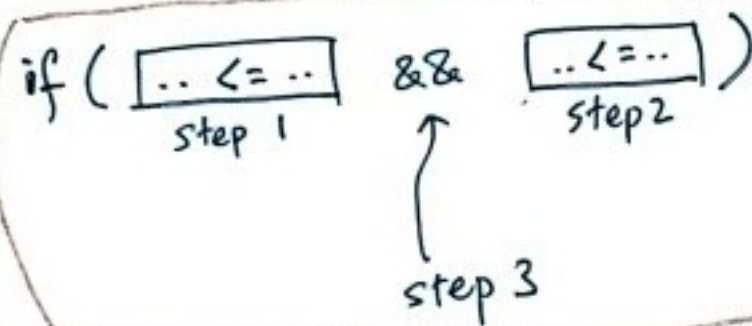
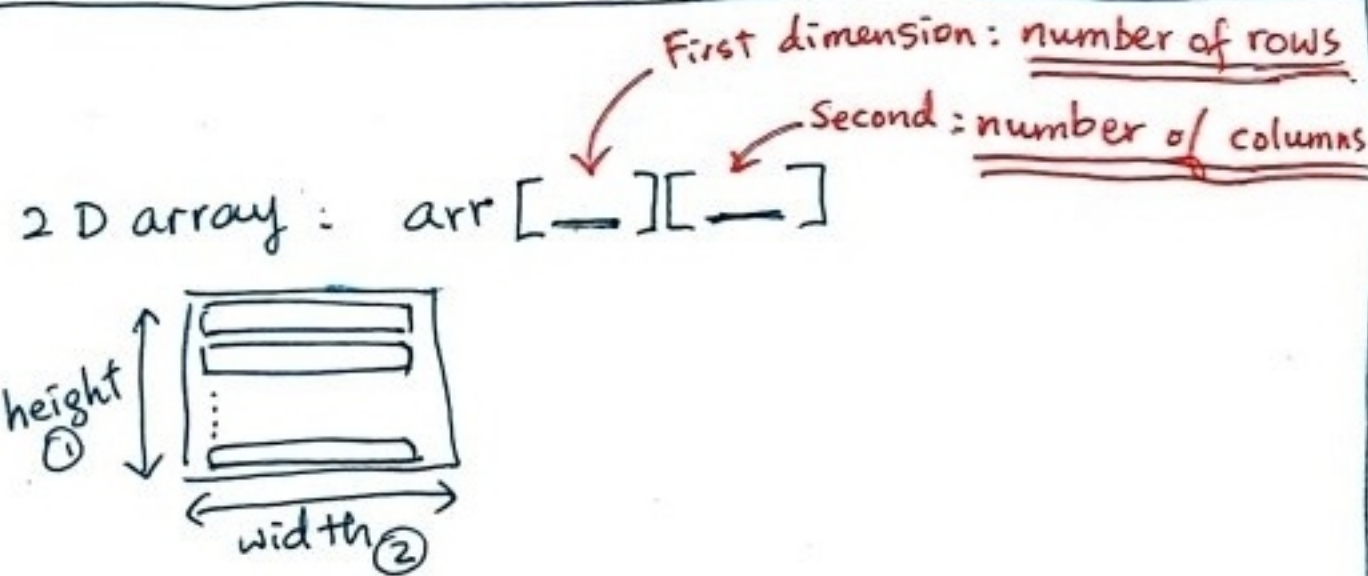


Q1.



← The compiler needs to know all 3 operations



`System.out.printf("%5d", x);`

Show x, "%" means a field, right aligned, width=5, d means *decimal*

```
System.out.println("Hello"); // "Hello" and then a new line
System.out.print("Hello\n"); // "Hello" and a new line (\n)
System.out.println();        // Simply a new line
System.out.println();        // Simply a new line
```

```
System.out.printf("Hello %d \n", 255); // "Hello 255 "
// %d means decimal
```

```
System.out.printf("Hello %x \n", 255); // "Hello ff "
// %x means hexadecimal
```

```
System.out.printf("Hello %d %x \n", 2312, 74); // "Hello 2312 4a "
```

```
System.out.printf("Hello %8d %8X \n", 2312, 171);
// "Hello    2312    AB "
// 8 is for the width;
// X: hexadecimal (uppercase)
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

Hello
Hello

Hello 255
Hello ff
Hello 2312 4a
Hello 2312 AB