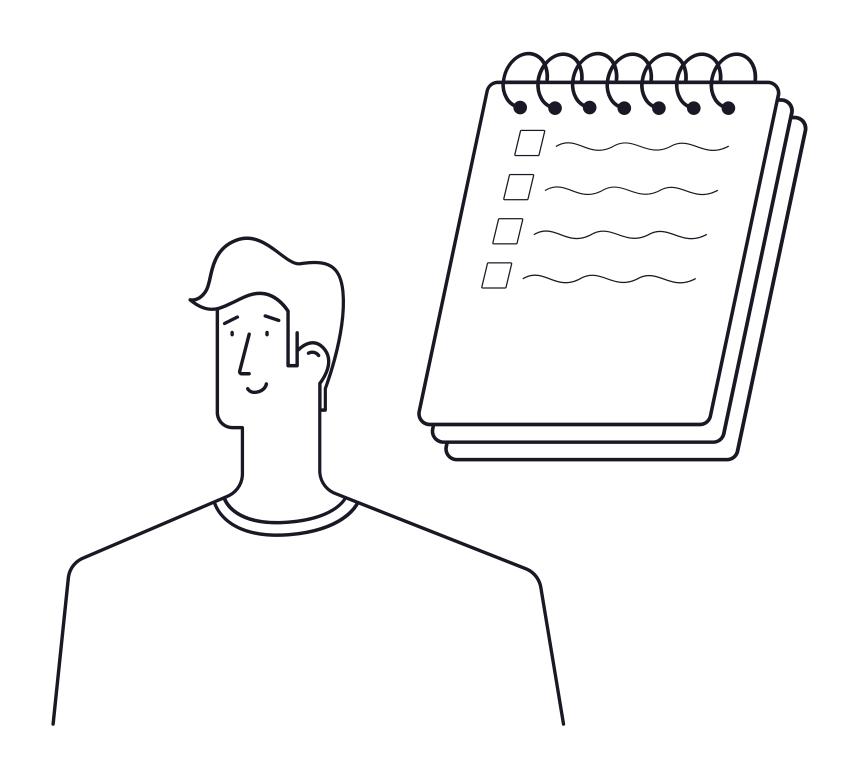# Single Dimensional Arrays

Review of Lectures/Today's Agenda

- What is an array?
- Declaring an array
- Filling an array

```java
public class Arrays1 {
    public static void main(String[] args) {
        int [] arr = new int [5];
    }
}
```

LET'S CODE TOGETHER

```java
public class Arrays1 {
    public static void main(String[] args) {
        /*
        In this program we will fill an array of
        15 elements with random values between 30 and 99.
        We need 69 numbers. That start at 30
        */
        final int ARRAY_SIZE = 15;
        int [] rgRandomNums = new int [ARRAY_SIZE];
        for (int i = 0; i < rgRandomNums.length; i++) {
            rgRandomNums[i] = (int)(Math.random() * 69) + 30;
        }
    }
}
```

Exercise for Today

Write code that will do the following:

- Print the array(In one line)
- Find the minimum value