PGR112 – Step 2: Methods

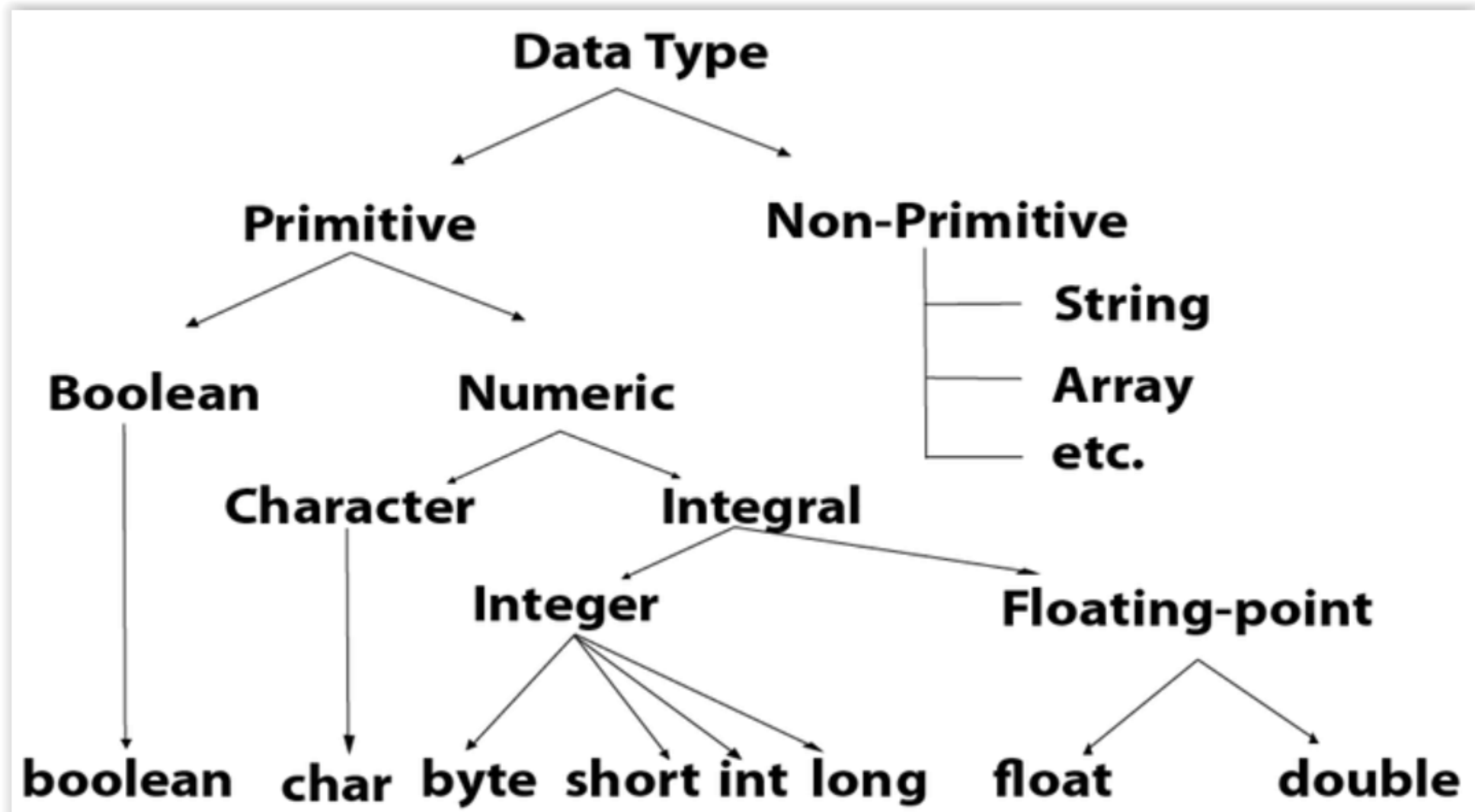**Object oriented programming**

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Goals for step 2

- I understand how a method works.
- I can create methods that use primitive data types, *arrays* and *strings*.
- I can traverse an array using *for* and *while*.
- I can use conditions such as *if, else* and *switch*.
- I have become good friends with the String class.
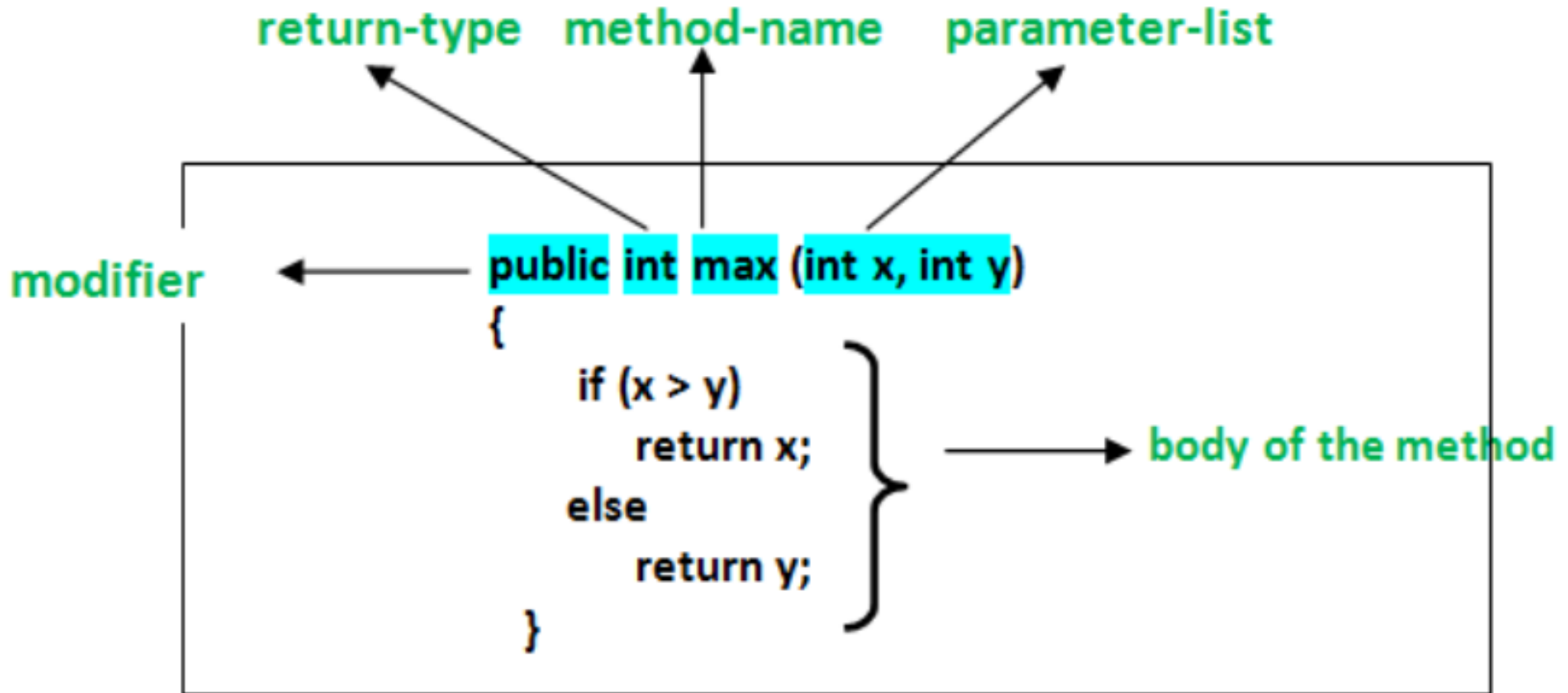- I have gained an insight into how unit tests work.

Data types

Methods

return-type   method-name   parameter-list

modifier ← public int max (int x, int y)
{
    if (x > y)
        return x;
    else
        return y;
}

→ body of the method

Preparation for the assignments

- Download required files from Canvas (files-step2.zip).
- Create a new project in IntelliJ.
- Create a test folder for the project.
- Copy the files in the correct place in the project.
- Import necessary resources.

Feel free to start with the tasks early!

- The next rehearsal is Friday, January 7.
- Do as much as you can BEFORE the exercise.
- Use help in the exercise, if you need it.

- Good luck! See you on Friday ☺