

IntelliJ – Before you start with the exercises

Create a new Project in IntelliJ named `Classes`

File → New → Project...

→ Next → Next → [type the project name] `Classes` → Finish

→ [Open either in this or in another window] → [Maybe click the taskbar icon to open the window]

Exercise: Name, version 1 ([Video solution](#))

Name
- firstName : String - lastName : String
+ Name(firstName : String, lastName : String) + getFirstName() : String + getLastName() : String + getFullName() : String + getFormalName() : String

Create a new module in the IntelliJ Project `Classes` and name it `Name_v1`

Create a new class in this module (remember to click the `src` folder in the module `Name_v1` and not the one in `Classes`). Name the class `Name`

Class `Name` holds the first and last name of a person. The class contains:

- Instance variables (fields) `firstName` and `lastName` and no other fields.
- A two-argument constructor taking a `firstName` and a `lastName` and initializing the two fields.
- Getters for `firstName` and `lastName`.
- A method `getFullName()` which returns the full name as "`firstName lastName`" e.g. "`Chuck Norris`".
- A method `getFormalName()` which returns the name as "`lastName, firstName`" (lastname a comma, a space and firstname) e.g. "`Norris, Chuck`".

Implement a test class with a main method for your class `Name` (name the class `NameTest`). Do at least the following:

- Read first name and last name from keyboard and create a `Name` object.
- Print out first name
- Print out the last name
- Print out the full name
- Print out the formal name

Is the output as expected?