# Initialization

## Overview

This is a short lab, where you’ll enhance an existing class to make use of constructors.

## Source folders

Student project: StudentInitialization

Solution project: SolutionInitialization

## Roadmap

There are 2 exercises in this lab. Here is a brief summary of the tasks you will perform in each exercise; more detailed instructions follow later:

1. Defining constructors
2. Using constructors

**Exercise 1: Defining constructors**

Open the student project and take a look at the existing code in the Employee class.

Add constructors to the Employee class as follows:

* Add a constructor that initializes the employee's name and salary from passed-in values.
* Add another constructor that initializes the employee's name, and sets the salary to the minimum statutory salary (e.g. £7000 as a hard-coded figure, for now).
* Make sure you do NOT have a default constructor. Why not?
* Ensure the date the employee joined the company is always set to the current date/time (regardless of which constructor was called).

## Exercise 2: Using constructors

Modify the client code so that it uses constructors correctly when creating Employee objects. You much decide which constructor to use every time you create a new object.