# Day 1 - Airport Intro

- Create a new IntelliJ project for Java called Airport, save it somewhere where you want to save it.
- After opening the project, open the Airport folder and if you have it, you will see a folder .idea and a folder src and an Airport.iml. We put our code in the src folder.
- Create a package in the src folder with the name "airport".
- Create a Java class with the name `Application` in the package
- In the `Application` class you just created -> create a main method here which functions as the entry point of the application. `public static void main (String [] args) { ... }`
- Put in this method a `System.out.println("Test");` to print something when we run the application for the first time.
- Run the application and check that the String you put in the `System.out.print` is actually printed. (Running can be done at the top right in IntelliJ if the project has already been run, otherwise there is a play button to the left of the main method in the bar.
- If all goes well, you now have a working application that we will work with. This is a solid foundation for getting things done.

## Assignment 1

Create an `Airplane` class and put it in a package within the package airport. The airplane has the following characteristics:

- plane identification
- max number of passengers
- current number of passengers
- is currently flying,
- cruise speed

The `Airplane` has the following actions:

- load passengers with number of passengers
- unload passengers
- take off
- land

Expand the `Airplane` with these features and actions. Note that the properties must be of a relevant type and that methods may have parameters and return types.

## Assignment 2

Create two airplanes in the main method within `Application`. Load passengers here and let them take off. Let them land and unload the passengers. Make sure that an informative `System.out.print` is displayed in the console every time an `Airplane` method is called.

***Example output in console:***

```
Airplane ABC123 loads 43 passengers.
Airplane ABC123 takes off.
Airplane DDD888 loads 23 passengers.
Plane ABC123 lands.
Airplane ABC123 unloads 43 passengers.
Airplane DDD888 takes off.
Plane DDD888 lands.
Airplane DDD888 unloads 23 passengers.
```