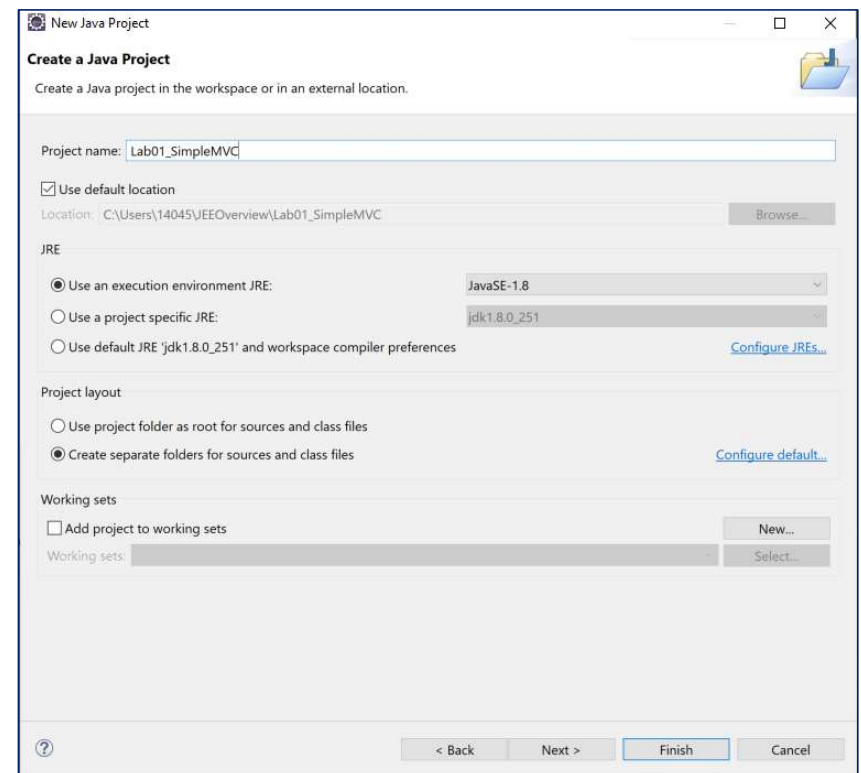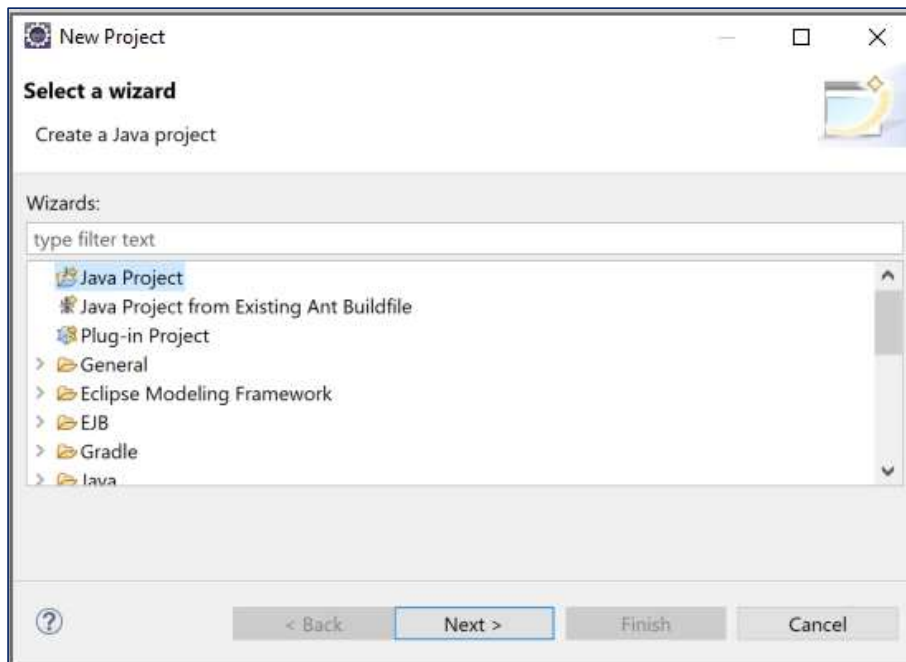# Lab 1 – Simple MVC

- **Create a new Java Project, name it Lab01_SimpleMVC**
    - **File > New > Project > JavaProject**
    - **Name the project and click "Finish"**

Lab 1 - MVC

Create a class, Contact, with the following

- long id
- String first_name
- String last_name
- A toString method that prints all 3 pieces of data on a single line

Create a class, LocalRepository, that contains a HashMap of contacts

- Use the contact id as the key
- Include methods to add a contact and get a contact

Lab 1 - MVC

Create a class, Controller, with the following

- void addAContact(String id, String first_name, String last_name)
- String findAContact(String id)

Create a class, MockClientView, that has a Controller as a member level variable and the following methods

- void displayFirstLast(String id)
- void addAContact(String id, String first_name, String last_name)
- A main method that adds at least two contacts and calls displayFirstLast to write them out