

Practice **Develop Backend Application by Using Spring Framework**



Practice

- Define products for e-commerce application

An illustration of a woman with dark hair and glasses, wearing a red top, and a man with brown hair and glasses, wearing an orange top. They are sitting at a light blue desk. The woman is holding a yellow clipboard. In front of them is a large blue computer monitor. On the desk, there is also a white coffee cup with a red lid, a yellow pencil, and a notepad with a red pencil. The background is light green with some abstract shapes and a large green plant on the right.

PRACTICE

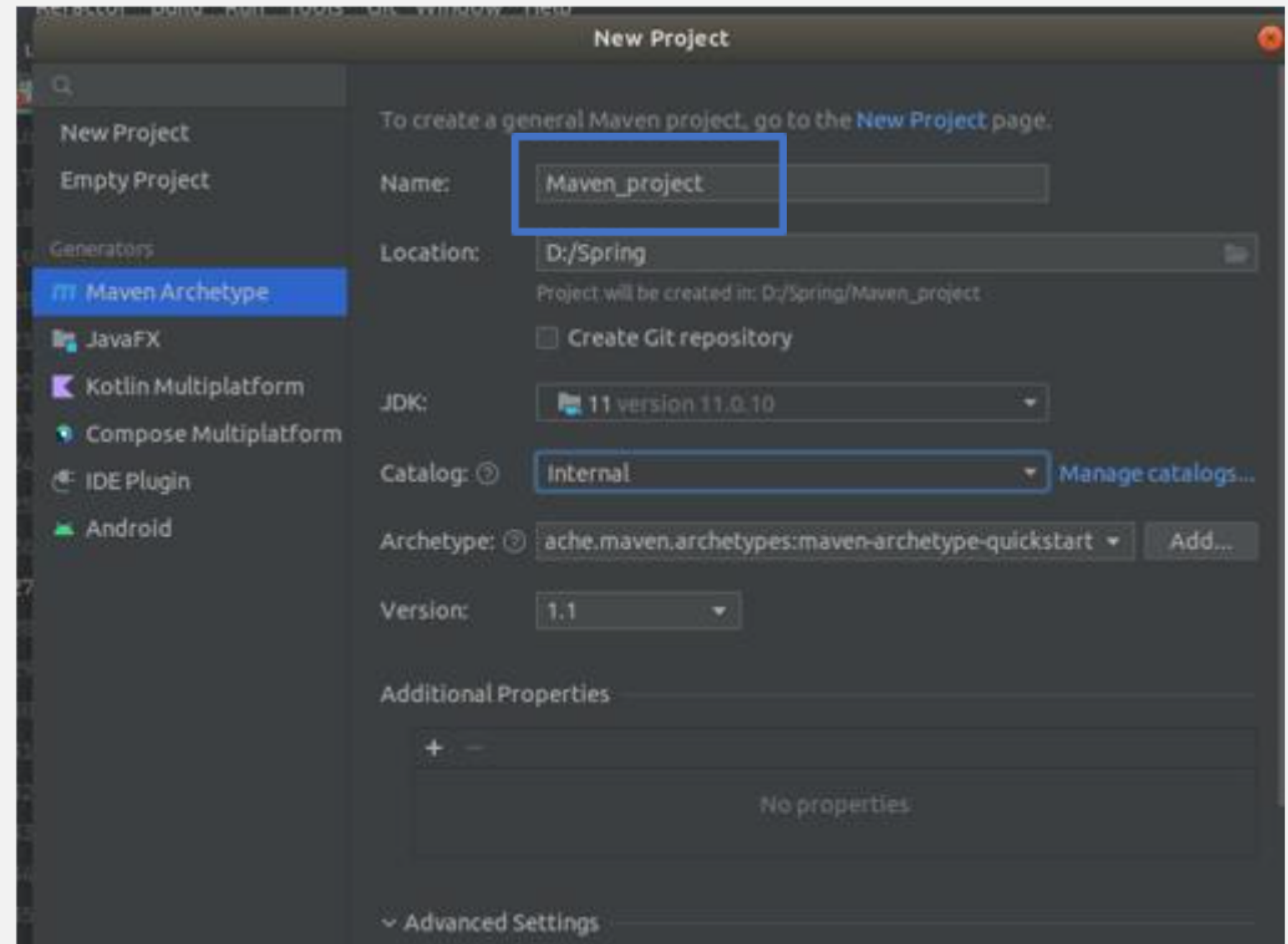
Practice: Define Products for E-Commerce Application

The product details of an e-commerce application must be defined.

Create a simple Spring application with a single entity called Product.

Implementation Environment

- Install the community edition of IntelliJ on your machine
- Click [here](#) to install
- After installation, open the IntelliJ IDE
- Click on **File -> New Project**
- Select the **Maven Archetype**
- Provide the name of the project and select the location
- Select the Archetype as maven-archetype-quickstart
- Provide groupId and artifactId in Advanced settings
- Click on **Create**



Practice 1: Tasks

1. Create `Product` as a domain class with the attributes `productId`, `productName`, and `productDescription`.
2. Manage the objects of the `Product` class in Spring.
3. Create a configuration class to define the beans.
4. Define an implementation class that will use the `ApplicationContext` object to define the values of the beans.
5. Display the details of the `Product`.

Submission Instructions

- There is no boilerplate for the practice.
- Create a Git repository named **BEJ_C1_S2_Backend_Application_Using_Spring_PC_1**.
- After completing the practice, push the code back to git using the below commands.

```
git init
git remote add origin <url>
git add .
git commit -m "comments on the push"
git push -u origin master
```

- Submit it for review.