

Maven Assignment

1. At command prompt, what will be command to generate archetypes? Run this command so that you can generate the list of archetypes.

For this assignment, I have created a new custom archetype named **springboot-jpa-data-thymeleaf-mvc**.

Git URL for this archetype project.

<https://github.com/arunds/springboot-jpa-data-thymeleaf-mvc-archetype.git>

By using this project we can create the archetype that has the dependencies of jpa data, thymeleaf, mvc.

Below is the generic command to create

```
mvn archetype:generate -DgroupId=com.techinstance -DartifactId=springboot-tomcat  
-DarchetypeArtifactId=maven-archetype-quickstart -DinteractiveMode=false
```

2. At command prompt, what will be command to create a new maven project with archetype whose description is following:

```
mvn archetype:generate  
-DarchetypeGroupId=com.techinstance  
-DgroupId=com.techinstance  
-DartifactId=springboot-tomcat  
-DarchetypeArtifactId=springboot-jpa-data-thymeleaf-mvc  
-DarchetypeVersion=1.0  
-DinteractiveMode=false
```

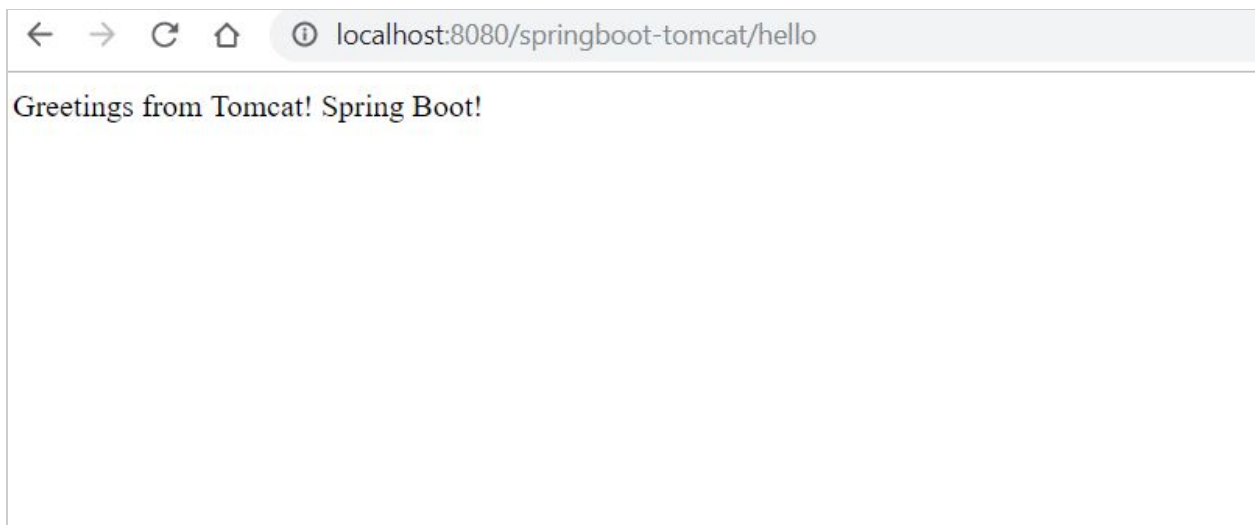
3. Once the project is created with the required template:

- a. **Compile Project** : `mvn clean install`
- b. **Package** : `mvn package`
- c. **Run** : `java -jar target\springboot-tomcat-0.0.1-SNAPSHOT.jar`
- d. **Clean** : `mvn clean`

4. Running the application in tomcat

The tomcat project is created in the following github repository

<https://github.com/arunds/springboot-tomcat.git>



5. Run project in Jetty container

The spring boot jetty project is pushed into below repository

<https://github.com/arunds/springboot-jetty.git>

`mvn jetty:run`

```
[INFO] Started ServerConnector@430aae8e{HTTP/1.1,[http/1.1]}{0.0.0.0:8080}  
[INFO] Started @18898ms  
[INFO] Started Jetty Server
```

