Maven Assignment

Assuming, you have GIT, tomcat, maven setup in your development environment; do the following:

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

Ans:

**mvn archetype:generate**

1. At command prompt, what will be command to create a new maven project with archetype whose description is following:
   1. ”A basic starter template using springboot, jpa data, thymeleaf and MVC”
   2. Run this command with the number for correct archetype so that new default project is created with springboot, jpa, thymeleaf and MVC.

Ans:

**mvn -B archetype:generate \**

**-DarchetypeGroupId=org.springframework.boot:spring-boot-sample-data-jpa-archetype \**

**-DgroupId=com.kk \**

**-DartifactId=mavenassignment**

1. Once the project is created with the required template:
   1. What will be the command to compile the project?

Ans:

**mvn compile**

1. What will be the command to package the built project?

Ans:

**mvn package**

1. What will be command to execute the jar which is created by above command?

Ans:

**java -jar -Dserver.port=8081 target/mavenassignment-1.0-SNAPSHOT.jar**

**mvn spring-boot:run**

1. After executing the jar, you should be able to test the REST API in any browser window.

Ans: **Yes**

1. What will be command to clean all the compiled class files and jar files in target folder?

Ans:

**mvn clean**

1. Change POM.xml to create war executable in place of jar executable in the above project. Run the command to create .war executable

Ans:

**Done**