

```
sudo apt update
sudo apt install maven
mvn -version
```

Step 1 mvn archetype:generate -DgroupId=com.example.demo -DartifactId=DemoProject  
-DarchetypeArtifactId=maven-archetype-quickstart -DinteractiveMode=false

new terminal Step 2 Navigate to the Project Directory  
cd DemoProject

Step 3

Tree

Step 4

Property file in pom.xml

```
<properties>
  <maven.compiler.source>1.6</maven.compiler.source>
  <maven.compiler.target>1.6</maven.compiler.target>
</properties>
```

<depen manga> up

Step 5

mvn compile

Step 6

Add goal file in pom

```
<build>
```

```
  <plugins>
```

```
    <plugin>
```

```
      <groupId>org.codehaus.mojo</groupId>
```

```
      <artifactId>exec-maven-plugin</artifactId>
```

```
      <version>3.0.0</version>
```

```
      <executions>
```

```
        <execution>
```

```
          <goals>
```

```
            <goal>java</goal>
```

```
          </goals>
```

```
        </execution>
```

```
      </executions>
```

```
      <configuration>
```

```
        <mainClass>com.example.demo.App</mainClass>
```

</depe>close up

```
</configuration>
</plugin>
</plugins>
</build>
```

src-main-java

Step 7  
mvn exec:java

Step 8  
mvn package

Step 9

java -jar target/DemoProject-1.0-SNAPSHOT.jar



tar- java

## DOCKER

create two files 1) index.html 2) Dockerfile

```
FROM enginx
COPY index.html\usr\share\enginx\html\
```

comand :- sudo Docker build -t (project\_name) .

output: image genrate

2) sudo Docker images

3) sudo Docker run -d -p 8080:80 (project\_name)

open Brower:- 0.0.0.0:8080 ----> dispaly index.html