

## Program 5

Step by step to create & execute a "Hello World" Maven Project locally using the command prompt.

open command prompt

mvn --version

java --version

mvn ~~archetype~~ archetype:generate -DgroupId=com.example <sup>one space</sup> -DartifactId=hello-maven -DarchetypeArtifactId=  
maven-archetype-quickstart <sup>no space</sup> -DinteractiveMode=false

File explorer → This PC → local disk C → users → lenovo → click 'h' on keyboard → click on hello-maven

Open command prompt

(type) cd hello-maven → Enter

(type) mvn compile → Enter

(type) java -cp target/classes com.example.App

Step-by-step guide on how to download & install git

Step 1: go to official website

<https://git-scm.com/>

Step 2: Click download for windows → click on downloads

Step 3: run the installer once it is downloaded <sup>click here for download</sup>

Step 4: after installation, open git bash from the start menu to start using git

open the download thing  
↓  
yes  
↓  
Keep clicking <sup>on</sup> all the next  
↓  
Install  
↓  
Finish

Now, in that black screen type:-

working with git bash

```
$git --version → Enter
```

```
$git config --global user.name Deeksha-gowda26
```

```
$git config --global user.email deekshagowda57@gmail.com
```

```
$git config --global --list
```

```
user.name = Deeksha-gowda26
```

```
user.email = deekshagowda57@gmail.com
```

```
$cd hello-maven
```

```
$git init
```

initialized empty git repository in C:/users/lenovo70/hello-maven/.git/

```
$git config --global core.autocrlf true
```

```
$git add .
```

```
$git commit -m "initial commit"
```

```
$git branch -M main
```



MINGW64:/c/Users/acer/hello-maven

```
acer@Z2-493 MINGW64 ~  
$ git --version  
git version 2.49.0.windows.1
```

```
acer@Z2-493 MINGW64 ~  
$ git config --global user.name prakulhn
```

```
acer@Z2-493 MINGW64 ~  
$ git config --global user.email prakulhn04@gmail.com
```

```
acer@Z2-493 MINGW64 ~  
$ git config --global --list  
user.name=prakulhn  
user.email=prakulhn04@gmail.com
```

```
acer@Z2-493 MINGW64 ~  
$ cd hello-maven
```

```
acer@Z2-493 MINGW64 ~/hello-maven  
$ git init  
Initialized empty Git repository in C:/Users/acer/hello-maven/.git/
```

```
acer@Z2-493 MINGW64 ~/hello-maven (master)  
$ git config --global core.autocrlf true
```

```
acer@Z2-493 MINGW64 ~/hello-maven (master)  
$ git add .
```

warning: in the working copy of 'target/maven-status/maven-compiler-plugin/compile/default-compile/createdFiles.lst', LF will be replaced by CRLF the next time Git touches it

```
acer@Z2-493 MINGW64 ~/hello-maven (master)
$ git commit -m "initial commit"
[master (root-commit) 0845337] initial commit
6 files changed, 71 insertions(+)
create mode 100644 pom.xml
create mode 100644 src/main/java/com/example/App.java
create mode 100644 src/test/java/com/example/AppTest.java
create mode 100644 target/classes/com/example/App.class
create mode 100644 target/maven-status/maven-compiler-plugin/compile/default-compile/createdFiles.lst
create mode 100644 target/maven-status/maven-compiler-plugin/compile/default-compile/inputFiles.lst
```

```
acer@Z2-493 MINGW64 ~/hello-maven (master)
$ git branch -m main
```

```
acer@Z2-493 MINGW64 ~/hello-maven (main)
$ |
```