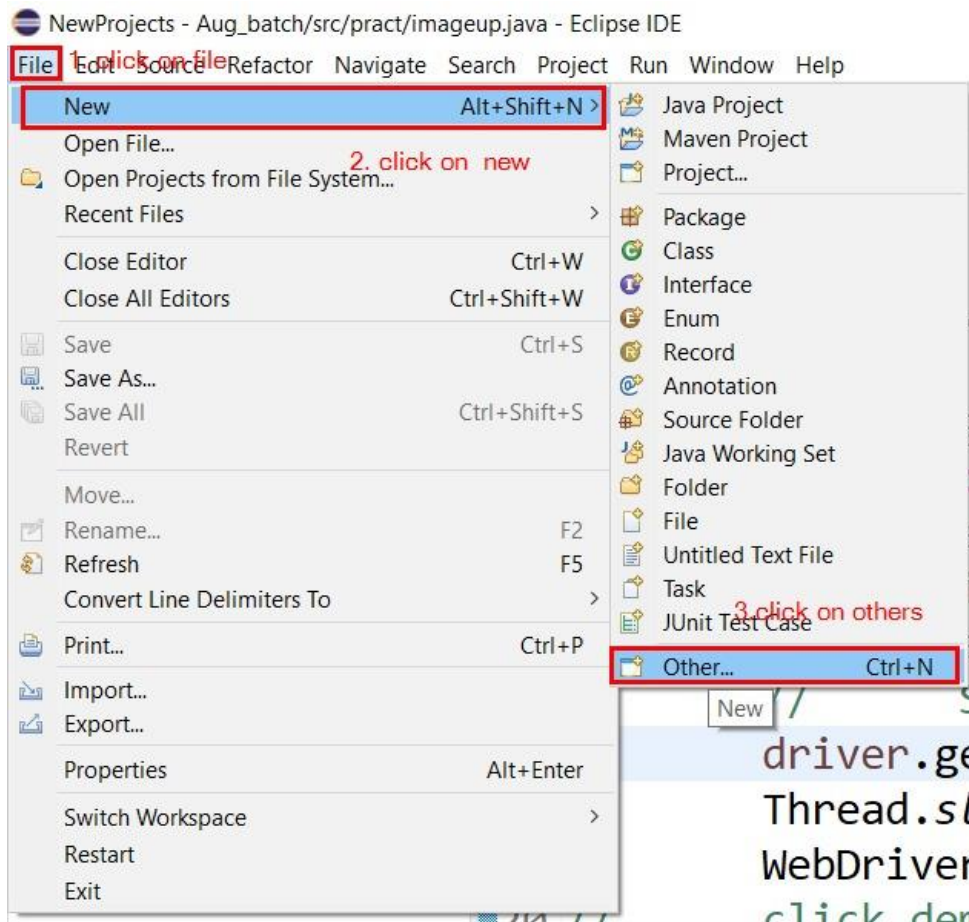
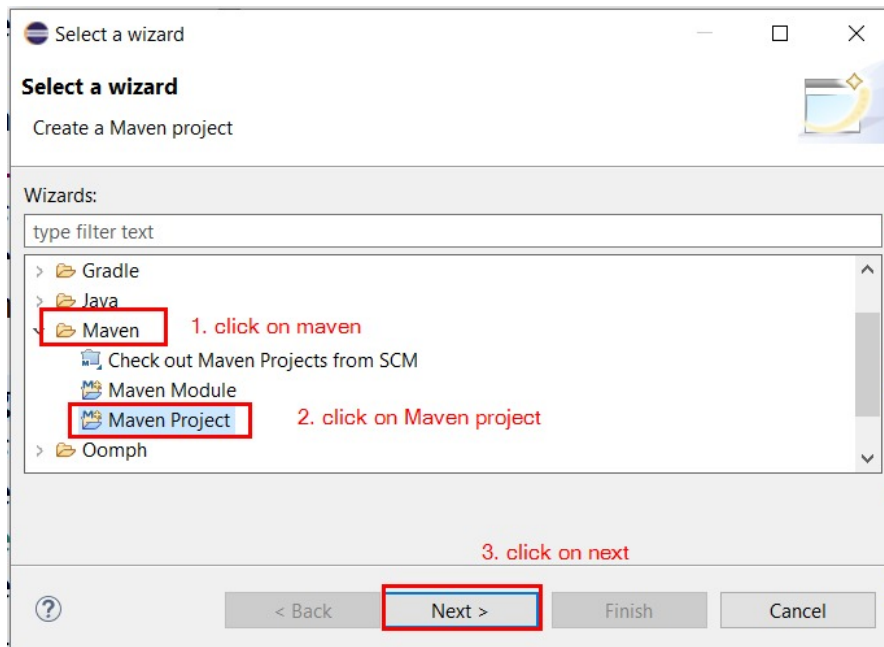


# Maven project creation

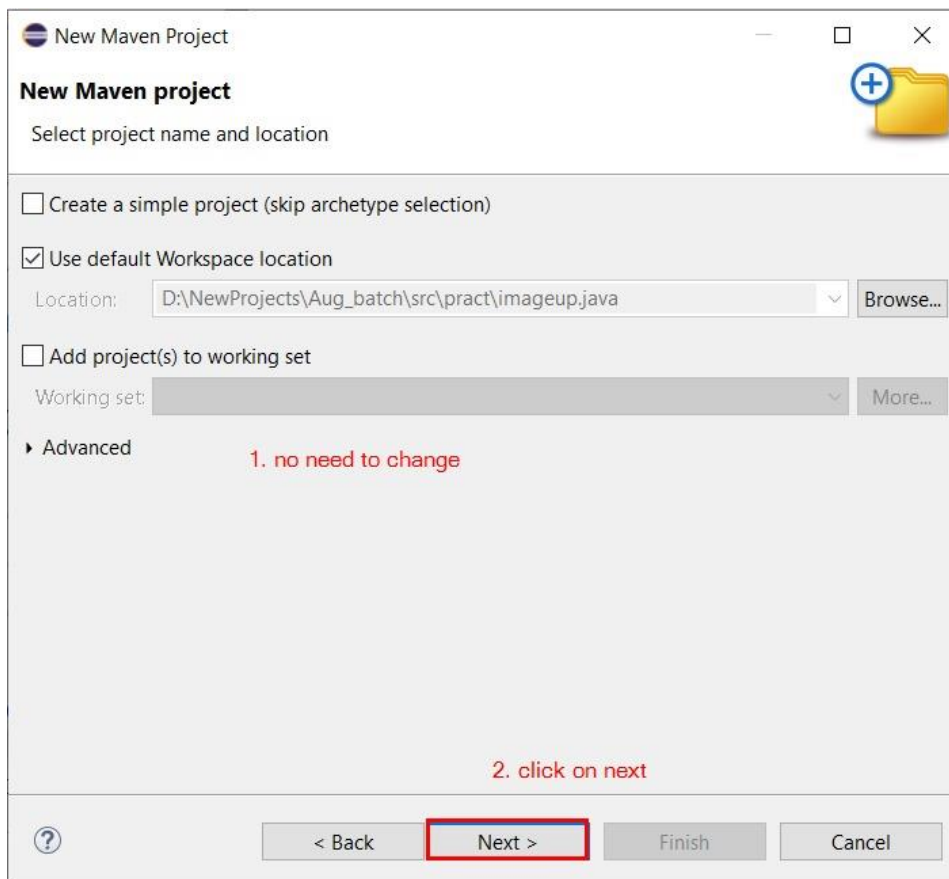
**1 Maven is a powerful project management tool that is based on POM (project object model). It is used for projects build, dependency and documentation.**



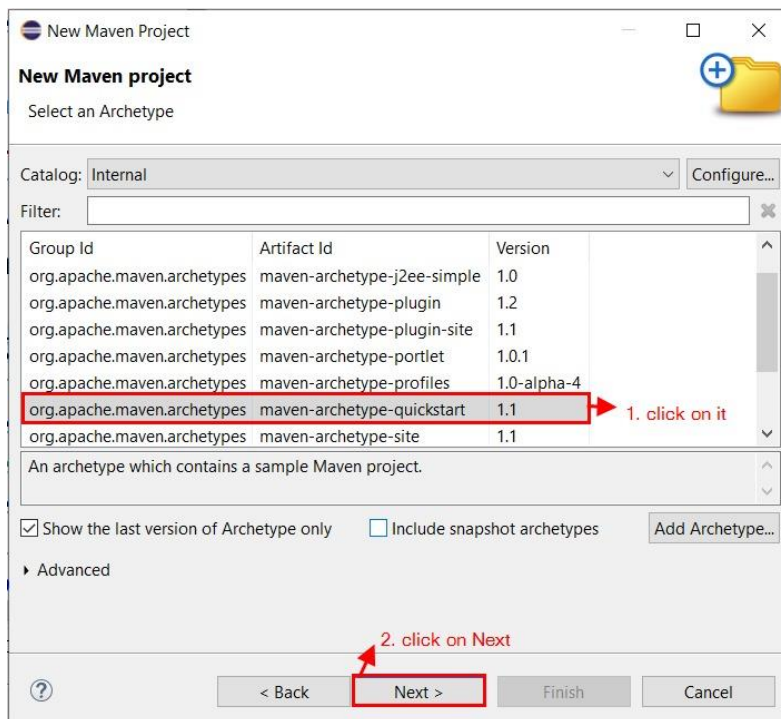
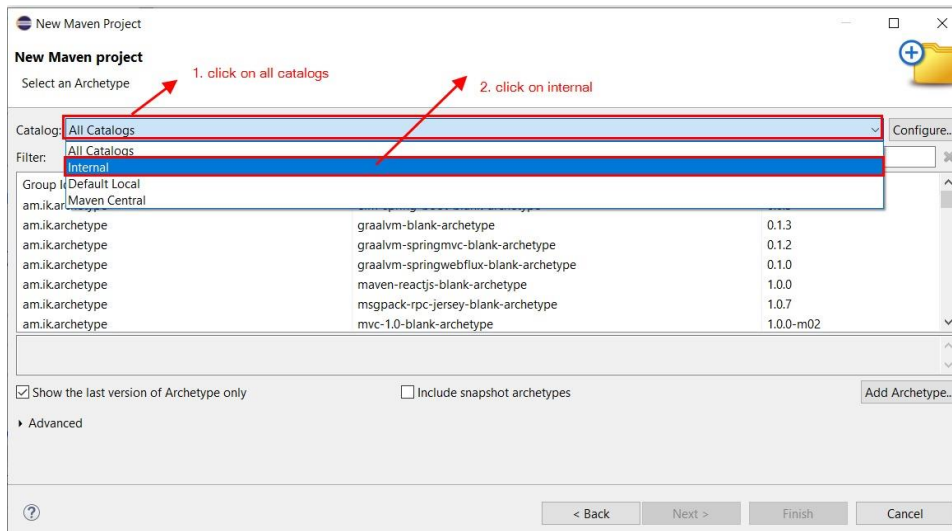
**2. click on Maven, select Maven project, and click on the next button.**



**3.To change the project location, simply click on the "Browse" button and choose the workspace location where you want to save it.**



#### 4. Click on all catalogs dropdown button and select Internal from the dropdown and then automatically select org.apache.maven.archetypes maven-archetype-quickstart 1.1



6. groupId This element indicates the unique identifier of the organization or group that created the project. The groupId is one of the key identifiers of a project and is typically based on the fully qualified domain name of your organization. For example org. apache. maven.

**ArtifactId** is the name of the jar without version. If you created it, then you can choose whatever name you want with lowercase letters and no strange symbols. If it's a third party jar, you have to take the name of the jar as it's distributed. eg. maven , commons-math.

New Maven Project

Specify Archetype parameters

1. Enter any project name

Group Id: R\_Testing\_Solutions

Artifact Id: R\_Testing\_Solutions 2. enter Artifact ID

Version: 0.0.1-SNAPSHOT 3. don't change

Package: R\_Testing\_Solutions.R\_Testing\_Solutions

☒ run archetype generation interactively

Properties available from archetype:

Name	Value

4. delete it

Advanced

5. click on Finish

< Back Next > Finish Cancel

**7.Type here Y as shown below image and click on enter from your keyboard.**

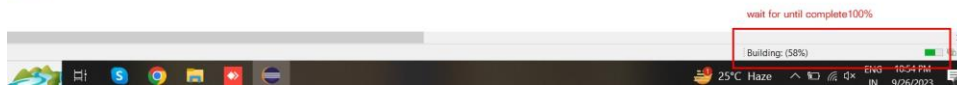
```
[WARNING] Parameter 'localRepository' is deprecated core expression; Avoid use of ArtifactRepository
[INFO] Generating project in Interactive mode
[INFO] Archetype repository not defined. Using the one from [org.apache.maven.archetypes:maven-archetype-quickstart:1.0]
[INFO] Using property: groupId = R_Testing_Solutions
[INFO] Using property: artifactId = R_Testing_Solutions
[INFO] Using property: version = 0.0.1-SNAPSHOT
[INFO] Using property: package = R_Testing_Solutions.R_Testing_Solutions
Confirm properties configuration:
groupId: R_Testing_Solutions
artifactId: R_Testing_Solutions
version: 0.0.1-SNAPSHOT
package: R_Testing_Solutions.R_Testing_Solutions
Y: : y 1. type y after capital Y letter and click on enter button
```

Verify the project configuration

Creating maven-archetype-quickstart (33%)

**8 please wait until complete the 100% check left side below corner**

```
INFO] Parameter: packagename, value: R_Testing_Solutions.R_Testing_Solutions
INFO] Parameter: version, Value: 0.0.1-SNAPSHOT
INFO] project created from Old (1.x) Archetype in dir: D:\NewProjects\R_Testing_Solutions
INFO] -----
INFO] BUILD SUCCESS ✓
INFO] -----
INFO] Total time: 03:52 min
INFO] Finished at: 2023-09-26T22:53:44+05:30
INFO] -----
```

**9. Delete default package names**

*Thank you*