Project   [MAVEN Surefire   Plugin] MAVEN Project
  ↳ Classes   POM.xml
      ↳ Class 1   ↓
                     Testng.xml   Run
         ...
         10   5 Class Name
TCs
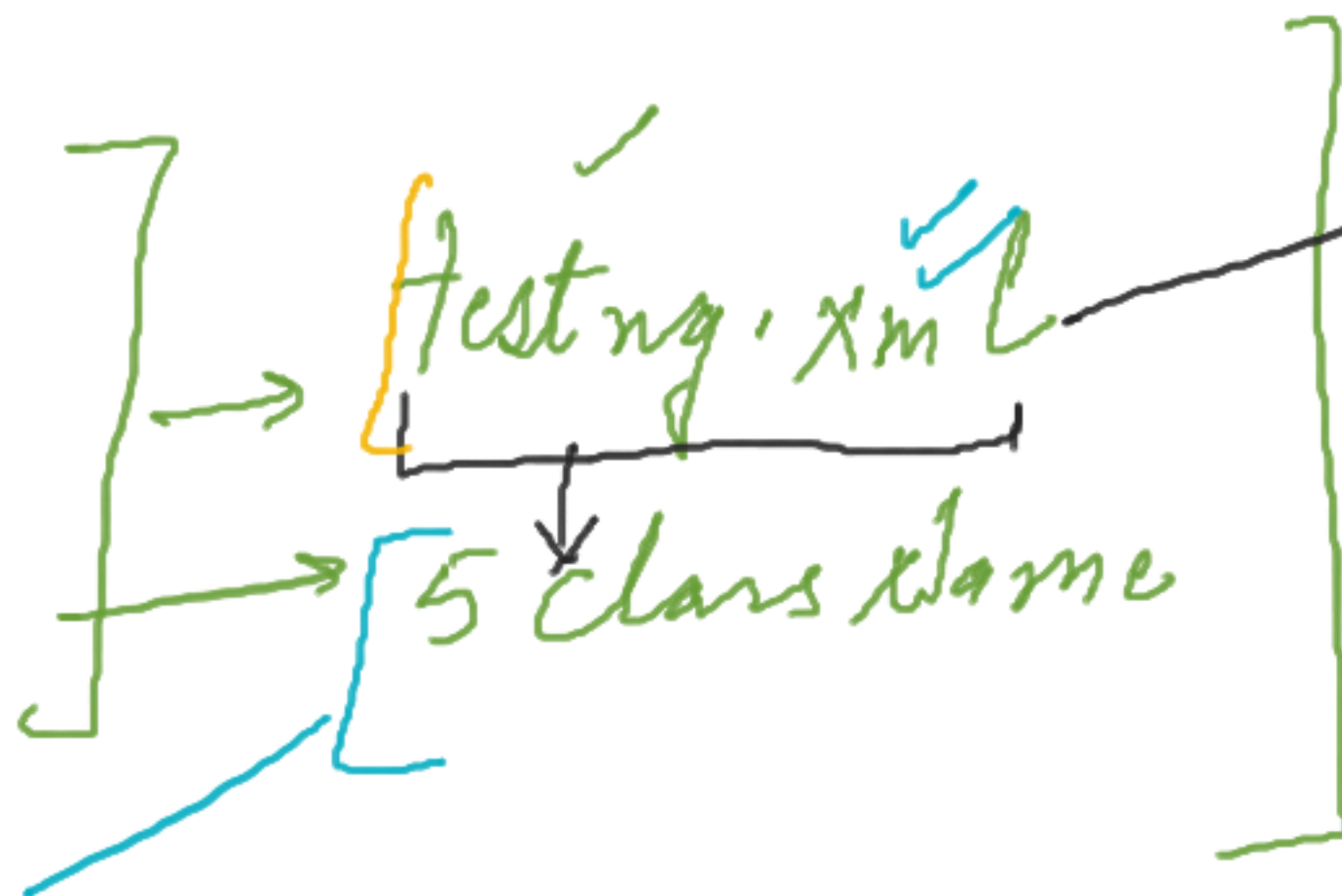
[plugin # extension →

1. clean → $\begin{bmatrix} \text{Build1} \rightarrow \text{FAIL} \\ \text{Build2 - PASS} \quad, \quad \text{Build3 - FAIL}, \quad \text{Build4 - PASS} \end{bmatrix}$

2. install → installed Some pending libs/jars ① / generate Build ②

3. test ↓ executes only TCs, will not generate Build

③ Execute TCs

Right Click on pom·xml → MavenBuild

↳ Goal → [test]   clean install → ①

   or ③

clean test ②

Run Maven Project using cmd : https://maven.apache.org/download.cgi

1. Download Maven Binary Zip file

2. Set the Env. Variables
3. check whether path of maven is set or not → in cmd Run command

   [mvn -version]

4. create Maven project using cmd

   [mvn archetype : generate]

D:\2021\Batches_DATA\SDET_0402\LearnSel_0402\apache-maven-3.8.2\bin

Paste the Path in Env. Variables → System Variable → path .

(1) check mvn version → [mvn -version]

(2) Create Maven project ⇒ [mvn archetype: generate]

(3) Project created
        using cmd

     src/main/java
     src/test/java
     pom.xml

Edit/
Run this
Code in
Eclipse

Eclipse Project

{ → .classpath }
{ → .project }

To make Maven project — run command } [mvn eclipse: eclipse]
compatible to eclipse

(4) Import create Maven project through cmd, into Eclipse.

Steps → In eclipse, click on Import → Maven →

Existing maven project → Browser → choose Maven project (after opening it).

(5) Run the pom.xml using cmd.

→ Run Command → mvn clean] } mvn clean install
→ mvn test
→ mvn install

Alert Handling → JS Alerts

↳ alert()
↳ Confirm()
↦ prompt()

Alert → used to display validation Error Msg

JSAlert   (can't inspect)

Msg
OK Button

[Simple Alert]   Confirm AlertBox   Prompt Box

↓
Msg
OK | CANCEL

↓
Msg
Text Field
OK | CANCEL

Alert (I)   alt = driver. switchTo().alert();

      ↳ accept()   ⟶ for 'OK' button

      ↳ dismiss()   ⟶ for 'Cancel' button ⟶ Confirm

      ↳ SendKeys()   ⟶ for Text Field in prompt

      ↳ getText()   ⟶ get Msg. Text