Use the website link given to you and automate different functionalities for the same. Create a new project and include all the dependencies in the class path. Create a Java class that will contain your automation and test scripts. Run the project using TestNG.

🡪

**Step-1🡪**

Created a Maven project.

Add dependencies in pom.xml

Create a package in src/test folder.

Create different test ng classes for different tests inside package.

1. For registration.

2. For login.

3. For Search.

4. For add to cart.

Convert to TestNG.

testng.xml file generated. Run the testing.xml to run all automated tests.

**Step-2🡪**

Now we will integrated the same with jenkins

copy jenkins jar file in jdk 11/8 bin folder

move to that folder then execute java -jar jenkins.war in cmd.

run java -jar jenkins.war

open localhost:8080 and login

give username and password

login --> to jenkins dashboad

**Step-3🡪**

configure jdk and maven in jenkins

click on manage jenkins

click on global tool configuration

deselect the option install automatically

in name: give the name : jdk 1.8

in java\_Home : path of your jdk

click on maven --> add maven

to check your maven version: eclipse--> windows--> preferences --> maven --> installation --> check maven embedded version

select maven version which will install automatically.

**Step-4🡪**

manage jenkins --> manage plugins --> available --> maven integration plugin -- install without restart

create new Item --> give name --> maven project --> ok

dive the description --> first integration with jenkins

**Step-5🡪**

build

root pom: give the location of your projects pom.xml file

goals: clean test

save and apply --> build now