

How to Run Maven Project from another directory using file flag in maven.

Here we will run mvn commands from another directory where pom.xml file is not present.

We will instruct maven to run the pom.xml file from the location provided after -f flag in mvn command.

first vaka maven project create cheasi --> project pai right click echi --> properties loki velli --> project location loki veltamu, vellinatarvata parent project ki ravali(means venaki ravali main project loki).

paina search bar lo cmd ani type cheasi cmd open cheasi e command evali :

mvn -f

24.Run_Single_Testngxml_file_from_multiple_files_as_per_users_choice_using_maven_cmd/pom.xml
clean test

(OR)

mvn -file

24.Run_Single_Testngxml_file_from_multiple_files_as_per_users_choice_using_maven_cmd/pom.xml
clean test

e commands estea chalu aa projects lo tests ani run aavutai.

```
C:\Windows\System32\cmd.e x + v
D:\Maven>mvn -f 24.Run_Single_Testngxml_file_from_multiple_files_as_per_users_choice_using_maven_cmd/pom.xml clean test
[INFO] Scanning for projects...
[INFO]
[INFO] --< a:24.Run_Single_Testngxml_file_from_multiple_files_as_per_users_choice_using_maven_cmd >--
[INFO] Building 24.Run_Single_Testngxml_file_from_multiple_files_as_per_users_choice_using_maven_cmd 0.0.1-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- maven-clean-plugin:3.1.0:clean (default-clean) @ 24.Run_Single_Testngxml_file_from_multiple_files_as_per_users_choice_using_maven_cmd ---
[INFO] Deleting D:\Maven\24.Run_Single_Testngxml_file_from_multiple_files_as_per_users_choice_using_maven_cmd\target
[INFO]
[INFO] --- maven-resources-plugin:3.0.2:resources (default-resources) @ 24.Run_Single_Testngxml_file_from_multiple_files_as_per_users_choice_using_maven_cmd ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] skip non existing resourceDirectory D:\Maven\24.Run_Single_Testngxml_file_from_multiple_files_as_per_users_choice_using_maven_cmd\src\main\resources
[INFO]
[INFO] --- maven-compiler-plugin:3.8.0:compile (default-compile) @ 24.Run_Single_Testngxml_file_from_multiple_files_as_per_users_choice_using_maven_cmd ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] --- maven-resources-plugin:3.0.2:testResources (default-testResources) @ 24.Run_Single_Testngxml_file_from_multiple_files_as_per_users_choice_using_maven_cmd ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] skip non existing resourceDirectory D:\Maven\24.Run_Single_Testngxml_file_from_multiple_files_as_per_users_choice_using_maven_cmd\src\test\resources
[INFO]
[INFO] --- maven-compiler-plugin:3.8.0:testCompile (default-testCompile) @ 24.Run_Single_Testngxml_file_from_multiple_files_as_per_users_choice_using_maven_cmd ---
[INFO] Changes detected - recompiling the module!
[INFO] Compiling 4 source files to D:\Maven\24.Run_Single_Testngxml_file_from_multiple_files_as_per_users_choice_using_maven_cmd\target\test-classes
[INFO]
[INFO] --- maven-surefire-plugin:3.0.0-M5:test (default-test) @ 24.Run_Single_Testngxml_file_from_multiple_files_as_per_users_choice_using_maven_cmd ---
[INFO]
[INFO] -----
[INFO] T E S T S
[INFO] -----
[INFO] Running TestSuite
Sanity ==> Testcase1
Sanity ==> Testcase2
[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.596 s - in TestSuite
[INFO]
[INFO] Results:
```

```
C:\Windows\System32\cmd.e x + v
Microsoft Windows [Version 10.0.22621.2715]
(c) Microsoft Corporation. All rights reserved.

D:\Maven>mvn -f 24.Run_Single_Testngxml_file_from_multiple_files_as_per_users_choice_using_maven_cmd/pom.xml clean test
[INFO] Scanning for projects...
[INFO]
[INFO] --< a:24.Run_Single_Testngxml_file_from_multiple_files_as_per_users_choice_using_maven_cmd >--
[INFO] Building 24.Run_Single_Testngxml_file_from_multiple_files_as_per_users_choice_using_maven_cmd 0.0.1-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- maven-clean-plugin:3.1.0:clean (default-clean) @ 24.Run_Single_Testngxml_file_from_multiple_files_as_per_users_choice_using_maven_cmd ---
[INFO] Deleting D:\Maven\24.Run_Single_Testngxml_file_from_multiple_files_as_per_users_choice_using_maven_cmd\target
[INFO]
[INFO] --- maven-resources-plugin:3.0.2:resources (default-resources) @ 24.Run_Single_Testngxml_file_from_multiple_files_as_per_users_choice_using_maven_cmd ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] skip non existing resourceDirectory D:\Maven\24.Run_Single_Testngxml_file_from_multiple_files_as_per_users_choice_using_maven_cmd\src\main\resources
[INFO]
[INFO] --- maven-compiler-plugin:3.8.0:compile (default-compile) @ 24.Run_Single_Testngxml_file_from_multiple_files_as_per_users_choice_using_maven_cmd ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] --- maven-resources-plugin:3.0.2:testResources (default-testResources) @ 24.Run_Single_Testngxml_file_from_multiple_files_as_per_users_choice_using_maven_cmd ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] skip non existing resourceDirectory D:\Maven\24.Run_Single_Testngxml_file_from_multiple_files_as_per_users_choice_using_maven_cmd\src\test\resources
[INFO]
[INFO] --- maven-compiler-plugin:3.8.0:testCompile (default-testCompile) @ 24.Run_Single_Testngxml_file_from_multiple_files_as_per_users_choice_using_maven_cmd ---
[INFO] Changes detected - recompiling the module!
[INFO] Compiling 4 source files to D:\Maven\24.Run_Single_Testngxml_file_from_multiple_files_as_per_users_choice_using_maven_cmd\target\test-classes
[INFO]
[INFO] --- maven-surefire-plugin:3.0.0-M5:test (default-test) @ 24.Run_Single_Testngxml_file_from_multiple_files_as_per_users_choice_using_maven_cmd ---
[INFO]
[INFO] -----
[INFO] T E S T S
[INFO] -----
[INFO] Running TestSuite
Sanity ==> Testcase1
Sanity ==> Testcase2
[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.651 s - in TestSuite
```