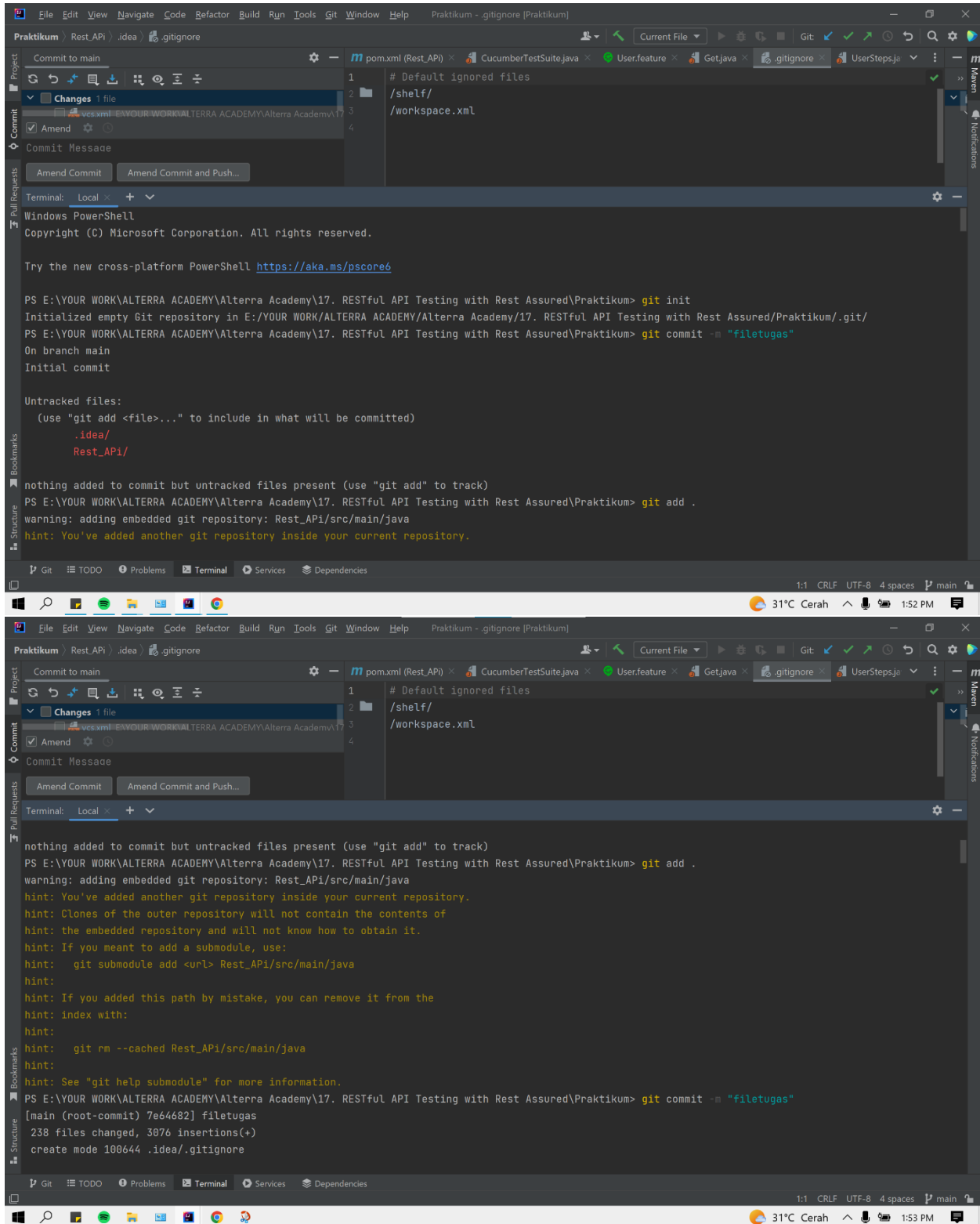


## Praktikum CICD PIPELINE

Muhamad Shidan Nur Alliyin | Quality Engineer (QE) | Alterra Academy Batch 3 |

Instruktur/Pengajar – Trino Hutasoit

### INTELLJ IDEA



```
Praktikum - .gitignore (Praktikum)
File Edit View Navigate Code Refactor Build Run Tools Git Window Help
Praktikum Rest_API .idea .gitignore
Commit to main
Changes 1 file
Amend Commit Amend Commit and Push...
Commit Message
Terminal: Local
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell https://aka.ms/pscore6

PS E:\YOUR WORK\ALTERRA ACADEMY\Alterra Academy\17. RESTful API Testing with Rest Assured\Praktikum> git init
Initialized empty Git repository in E:\YOUR WORK\ALTERRA ACADEMY\Alterra Academy\17. RESTful API Testing with Rest Assured\Praktikum\.git\
PS E:\YOUR WORK\ALTERRA ACADEMY\Alterra Academy\17. RESTful API Testing with Rest Assured\Praktikum> git commit -m "filetugas"
On branch main
Initial commit

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .idea/
        Rest_API/

nothing added to commit but untracked files present (use "git add" to track)
PS E:\YOUR WORK\ALTERRA ACADEMY\Alterra Academy\17. RESTful API Testing with Rest Assured\Praktikum> git add .
warning: adding embedded git repository: Rest_API/src/main/java
hint: You've added another git repository inside your current repository.

1:1 CRLF UTF-8 4 spaces P main
```

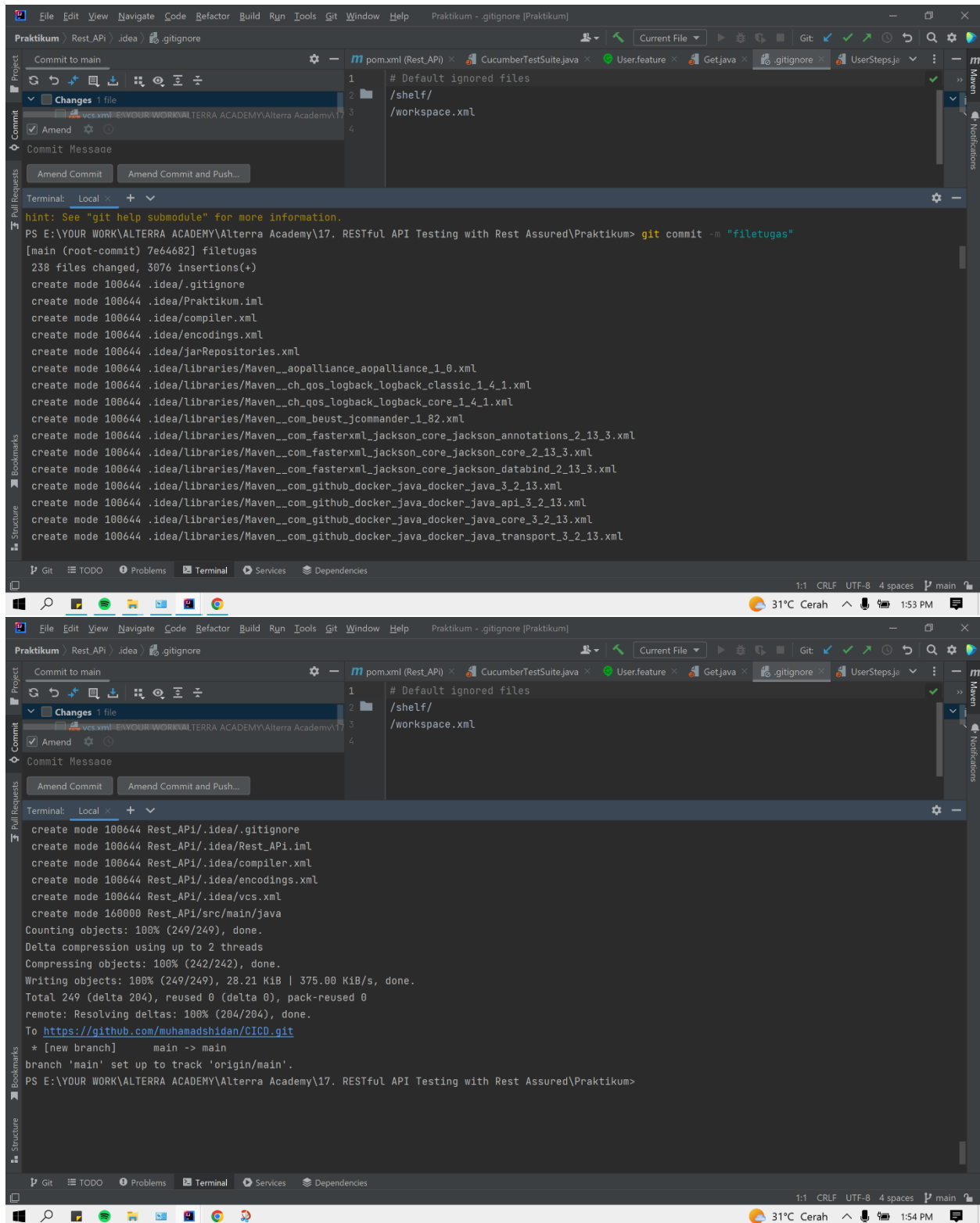
```
Praktikum - .gitignore (Praktikum)
File Edit View Navigate Code Refactor Build Run Tools Git Window Help
Praktikum Rest_API .idea .gitignore
Commit to main
Changes 1 file
Amend Commit Amend Commit and Push...
Commit Message
Terminal: Local
nothing added to commit but untracked files present (use "git add" to track)
PS E:\YOUR WORK\ALTERRA ACADEMY\Alterra Academy\17. RESTful API Testing with Rest Assured\Praktikum> git add .
warning: adding embedded git repository: Rest_API/src/main/java
hint: You've added another git repository inside your current repository.
hint: Clones of the outer repository will not contain the contents of
hint: the embedded repository and will not know how to obtain it.
hint: If you meant to add a submodule, use:
hint:   git submodule add <url> Rest_API/src/main/java
hint:
hint: If you added this path by mistake, you can remove it from the
hint: index with:
hint:   git rm --cached Rest_API/src/main/java
hint:
hint: See "git help submodule" for more information.
PS E:\YOUR WORK\ALTERRA ACADEMY\Alterra Academy\17. RESTful API Testing with Rest Assured\Praktikum> git commit -m "filetugas"
[main (root-commit) 7e64682] filetugas
238 files changed, 3076 insertions(+)
create mode 100644 .idea/.gitignore

1:1 CRLF UTF-8 4 spaces P main
```

## Praktikum CICD PIPELINE

Muhamad Shidan Nur Alliyin | Quality Engineer (QE) | Alterra Academy Batch 3 |

Instruktur/Pengajar – Trino Hutasoit



```
Praktikum - .gitignore (Praktikum)
File Edit View Navigate Code Refactor Build Run Tools Git Window Help
Praktikum > Rest_API > idea > .gitignore
Commit to main
Changes 1 file
Amend
Commit Message
Amend Commit Amend Commit and Push...
Terminal: Local
hint: See "git help submodule" for more information.
PS E:\YOUR WORK\ALTERRA ACADEMY\Alterra Academy\17. RESTful API Testing with Rest Assured\Praktikum> git commit -m "filetugas"
[main (root-commit) 7e64682] filetugas
238 files changed, 3076 insertions(+)
create mode 100644 .idea/.gitignore
create mode 100644 .idea/Praktikum.iml
create mode 100644 .idea/compiler.xml
create mode 100644 .idea/encodings.xml
create mode 100644 .idea/jarRepositories.xml
create mode 100644 .idea/libraries/Maven__aopalliance_aopalliance_1_0.xml
create mode 100644 .idea/libraries/Maven__ch_qos_logback_logback_classic_1_4_1.xml
create mode 100644 .idea/libraries/Maven__ch_qos_logback_logback_core_1_4_1.xml
create mode 100644 .idea/libraries/Maven__com_beust_jcommander_1_82.xml
create mode 100644 .idea/libraries/Maven__com_fasterxml_jackson_core_jackson_annotations_2_13_3.xml
create mode 100644 .idea/libraries/Maven__com_fasterxml_jackson_core_jackson_core_2_13_3.xml
create mode 100644 .idea/libraries/Maven__com_fasterxml_jackson_core_jackson_databind_2_13_3.xml
create mode 100644 .idea/libraries/Maven__com_github_docker_java_docker_java_3_2_13.xml
create mode 100644 .idea/libraries/Maven__com_github_docker_java_docker_java_api_3_2_13.xml
create mode 100644 .idea/libraries/Maven__com_github_docker_java_docker_java_core_3_2_13.xml
create mode 100644 .idea/libraries/Maven__com_github_docker_java_docker_java_transport_3_2_13.xml
1:1 CRLF UTF-8 4 spaces main
31°C Cera 1:53 PM
```

```
Praktikum - .gitignore (Praktikum)
File Edit View Navigate Code Refactor Build Run Tools Git Window Help
Praktikum > Rest_API > idea > .gitignore
Commit to main
Changes 1 file
Amend
Commit Message
Amend Commit Amend Commit and Push...
Terminal: Local
create mode 100644 Rest_API/.idea/.gitignore
create mode 100644 Rest_API/.idea/Rest_API.iml
create mode 100644 Rest_API/.idea/compiler.xml
create mode 100644 Rest_API/.idea/encodings.xml
create mode 100644 Rest_API/.idea/vcs.xml
create mode 160000 Rest_API/src/main/java
Counting objects: 100% (249/249), done.
Delta compression using up to 2 threads
Compressing objects: 100% (242/242), done.
Writing objects: 100% (249/249), 28.21 KiB | 375.00 KiB/s, done.
Total 249 (delta 204), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (204/204), done.
To https://github.com/muhamadshidan/CICD.git
* [new branch] main -> main
branch 'main' set up to track 'origin/main'.
PS E:\YOUR WORK\ALTERRA ACADEMY\Alterra Academy\17. RESTful API Testing with Rest Assured\Praktikum>
1:1 CRLF UTF-8 4 spaces main
31°C Cera 1:54 PM
```

## Praktikum CICD PIPELINE

Muhamad Shidan Nur Alliyin | Quality Engineer (QE) | Alterra Academy Batch 3 |

Instruktur/Pengajar – Trino Hutasoit

The image shows two screenshots of a GitHub repository named 'muhamadshidan/CICD'.

**Top Screenshot: Repository Overview**

- Repository Name:** muhamadshidan / CICD (Public)
- Navigation:** Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, Settings.
- Branches:** main (1 branch), 0 tags.
- Files:** .idea (filetugas, 8 minutes ago), Rest\_API (filetugas, 8 minutes ago).
- Commit:** muhamadshidan filetugas (7e64682, 8 minutes ago, 1 commit).
- Buttons:** Go to file, Add file, Code, Add a README.
- About:** No description, website, or topics provided. 0 stars, 1 watching, 0 forks.
- Releases:** No releases published. Create a new release.
- Packages:** No packages published. Publish your first package.

**Bottom Screenshot: Workflow File**

- Path:** CICD / .github / workflows /
- File:** maven.yml (Create maven.yml, now).
- Commit:** muhamadshidan Create maven.yml (749df6a, now, History).

The bottom of the page shows the GitHub footer with copyright information and links to Terms, Privacy, Security, Status, Docs, Contact GitHub, Pricing, API, Training, Blog, and About.

## Praktikum CICD PIPELINE

Muhamad Shidan Nur Alliyin | Quality Engineer (QE) | Alterra Academy Batch 3 |

Instruktur/Pengajar – Trino Hutasoit

The screenshot shows a GitHub Actions workflow run for the repository 'muhamadshidan / CICD'. The workflow is named 'Create maven.yml #1'. The status is 'In progress'. The total duration is not yet recorded. The workflow is triggered by a 'push' event. The workflow file 'maven.yml' is shown, and the 'build' job is currently running, with a duration of 5s. The workflow is triggered by a 'push' event.

Summary

Jobs

- build

Run details

- Usage
- Workflow file

Re-run triggered now

Status: In progress

Total duration: -

Artifacts: -

maven.yml

on: push

build 5s

The screenshot shows a Visual Studio Code editor with a terminal window. The terminal output shows a 'git push' command being executed, which results in a 'rejected' error. The error message indicates that the remote repository contains work that is not yet integrated into the local repository. The user is prompted to 'git pull' before pushing again.

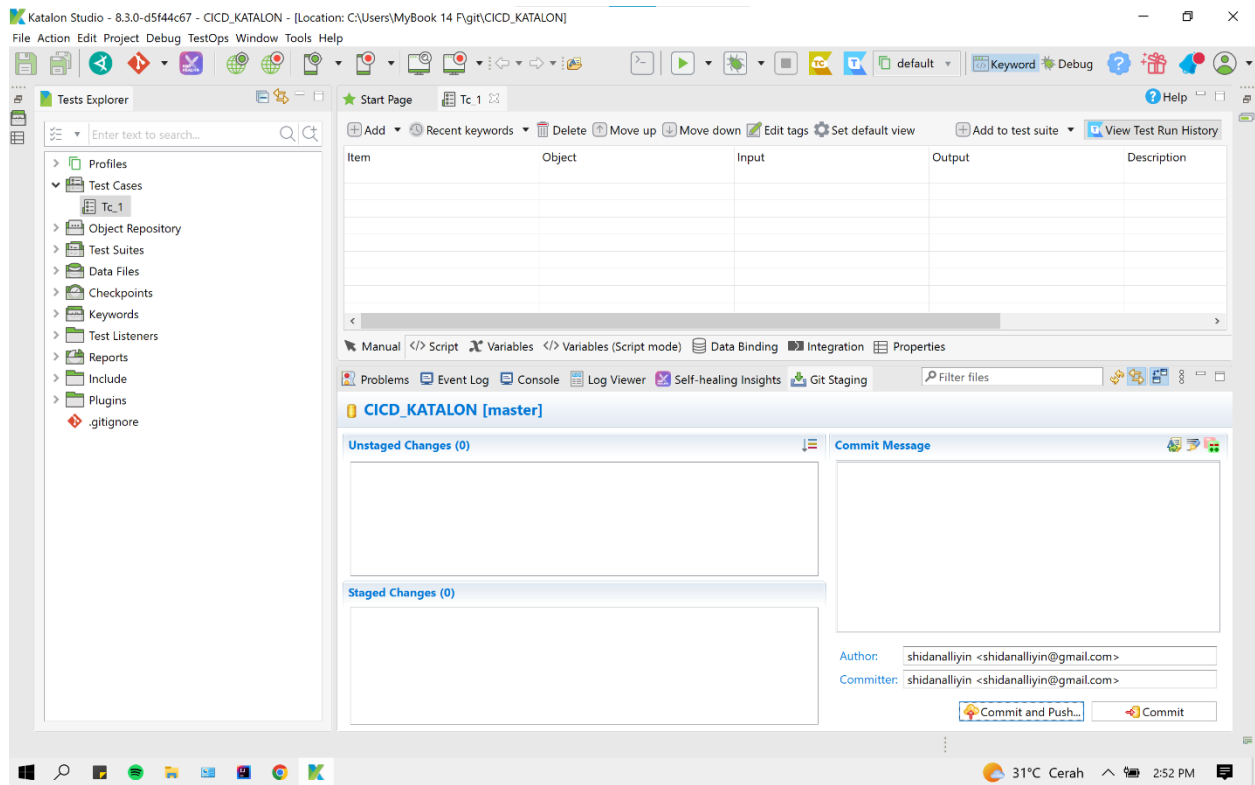
```
PS E:\YOUR WORK\ALTERRA ACADEMY\Alterra Academy\17. RESTful API Testing with Rest Assured\Praktikum> git push -u origin main
Username for 'https://github.com': muhamadshidan
Password for 'https://muhamadshidan@github.com':
To https://github.com/muhamadshidan/CICD.git
 ! [rejected]        main -> main (fetch first)
error: failed to push some refs to 'https://github.com/muhamadshidan/CICD.git'
hint: Updates were rejected because the remote contains work that you do
hint: not have locally. This is usually caused by another repository pushing
hint: to the same ref. You may want to first integrate the remote changes
hint: (e.g., 'git pull ...') before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.
PS E:\YOUR WORK\ALTERRA ACADEMY\Alterra Academy\17. RESTful API Testing with Rest Assured\Praktikum>
```

## Praktikum CICD PIPELINE

Muhamad Shidan Nur Alliyin | Quality Engineer (QE) | Alterra Academy Batch 3 |

Instruktur/Pengajar – Trino Hutasoit

### KATALON – JENKINS



## Praktikum CICD PIPELINE

Muhamad Shidan Nur Alliyin | Quality Engineer (QE) | Alterra Academy Batch 3 |

Instruktur/Pengajar – Trino Hutasoit

The screenshot shows a web browser with multiple tabs open, including 'Starting page', 'muhamadshidan/CICD\_KATALON', 'Code With Me: The Collaborative', and 'Building and testing Java with M...'. The active tab displays the GitHub repository page for 'muhamadshidan/CICD\_KATALON'. The repository is in the 'master' branch, has 1 branch, and 0 tags. The file list includes folders like 'Include/config', 'Profiles', 'Reports/Self-healing', 'Scripts/Tc\_1', 'Test Cases', and 'settings', as well as files like '.gitignore', '.project', 'CICD\_KATALON.prj', and 'console.properties'. All files were committed '1 minute ago'. The right sidebar shows the repository's 'About' section (no description), 'Releases' (no releases published), 'Packages' (no packages published), and 'Languages' (Groovy 100.0%). At the bottom, there is a prompt to 'Add a README'.

Starting page x muhamadshidan/CICD\_KATALON x Code With Me: The Collaborative x Building and testing Java with M... x

github.com/muhamadshidan/CICD\_KATALON

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

master 1 branch 0 tags Go to file Add file Code

muhamadshidan First 90314a9 1 minute ago 1 commit

Include/config	First	1 minute ago
Profiles	First	1 minute ago
Reports/Self-healing	First	1 minute ago
Scripts/Tc_1	First	1 minute ago
Test Cases	First	1 minute ago
settings	First	1 minute ago
.gitignore	First	1 minute ago
.project	First	1 minute ago
CICD_KATALON.prj	First	1 minute ago
console.properties	First	1 minute ago

Help people interested in this repository understand your project by adding a README. Add a README

About No description, website, or topics provided. 0 stars 1 watching 0 forks

Releases No releases published Create a new release

Packages No packages published Publish your first package

Languages Groovy 100.0%

31°C Cerah 2:51 PM

## Praktikum CICD PIPELINE

Muhamad Shidan Nur Alliyin | Quality Engineer (QE) | Alterra Academy Batch 3 |

Instruktur/Pengajar – Trino Hutasoit

The image displays two overlapping screenshots from a computer screen. The top screenshot shows the Jenkins web interface at the URL `localhost:8080/job/coba%20coba/configure`. The 'Configuration' page is active, with the 'Source Code Management' tab selected. Under 'Repositories', the 'Repository URL' is set to `https://github.com/muhamadshidan/CICD_KATALON.git`, and 'Credentials' is set to 'none'. The bottom screenshot shows the Katalon Studio application. The 'Generate Command for Console Mode' dialog is open, showing configuration for 'Test Suites/New Test Suite'. The 'Authentication' section includes a 'Katalon API Key' and a 'Katalon Organization'. The 'Execution Configurations' section has checkboxes for 'Update WebDriver automatically', 'Terminate the execution once the total number of test failures reaches this threshold', and 'Apply proxy configuration from application settings'. The 'Retry Options' section shows 'Retry after executing all' selected. The bottom right of the Katalon Studio window shows the 'Commit and Push...' button.

## Praktikum CICD PIPELINE

Muhamad Shidan Nur Alliyin | Quality Engineer (QE) | Alterra Academy Batch 3 |

Instruktur/Pengajar – Trino Hutasoit

The screenshot displays a Windows desktop environment. In the foreground, a Notepad window titled "Untitled - Notepad" contains the following Git commands:

```
cd "C:\Users\MyBook 14 F\git\CICD_KATALON"
git pull "https://github.com/muhamadshidan/CICD_KATALON.git"
cd "C:\Users\MyBook 14 F\Downloads\Katalon_Studio_Windows_64-8.2.5"
katalonc -noSplash -runMode=console -projectPath="C:\Users\MyBook 14 F\git\CICD_KATALON\CICD_KATALON.prj" -retry=0
cd "C:\Users\MyBook 14 F\git\CICD_KATALON"
git status
git add
git commit -m "katalonku"
git push -u "https://github.com/muhamadshidan/CICD_KATALON.git" master
echo sukses
```

Below the Notepad window, a web browser window shows the Jenkins configuration page for a job named "coba". The page is titled "Configuration" and includes a sidebar with navigation options: General, Source Code Management, Build Triggers, Build Environment, Build Steps, and Post-build Actions. The "Build Steps" section is active, showing a single step named "Execute Windows batch command". The command field contains the same Git commands as the Notepad window. The "Advanced..." button is visible below the command field. At the bottom of the configuration page, there are "Save" and "Apply" buttons. The system tray at the bottom of the screen shows the temperature as 31°C and the time as 5:06 PM.



## Praktikum CICD PIPELINE

Muhamad Shidan Nur Alliyin | Quality Engineer (QE) | Alterra Academy Batch 3 |

Instruktur/Pengajar – Trino Hutasoit

The screenshot displays the Jenkins web interface in a browser. The top navigation bar includes tabs for 'Jenkins', 'muhamadshid...', 'Code With Me', 'Building and te...', 'coba coba [Jen...', 'Viewing logs', 'Materi - Testin...', and a plus sign for more tabs. The address bar shows 'localhost:8080/job/coba%20coba/'. The main content area is divided into a left sidebar and a main panel. The sidebar contains links for 'Dashboard', 'coba coba', 'Changes', 'Workspace', 'Build Now', 'Configure', 'Delete Project', 'Git Polling Log', 'GitHub', and 'Rename'. The main panel shows 'Permalinks' and a 'Build History' section with a filter 'trend'. Below this, a build entry for '31 Okt 2022 17:07' is visible. The bottom section of the image shows the 'Build #1 (31 Okt 2022 17:07.08)' details. It includes a 'Back to Project' link, a 'Status' tab, and a list of actions: 'Changes', 'Console Output', 'Edit Build Information', 'Delete build #1', 'Polling Log', and 'Git Build Data'. The build status is 'No changes'. It also shows 'Started by an SCM change' and 'Revision: f0df15d3ad53f6f299a9a80021562f2b7bf48ba1'. The repository is 'https://github.com/muhamadshidan/CICD\_KATALON.git'. The build took 15 seconds and started 5 minutes and 26 seconds ago. The bottom status bar shows 'REST API', 'Jenkins 2.361.2', and system information like '31°C Cerah' and '5:12 PM'.

Dashboard > coba coba > #1

Build #1 (31 Okt 2022 17:07.08)

Keep this build forever

Started 5 min 26 sec ago  
Took 15 sec

Add description

No changes.

Started by an SCM change

Revision: f0df15d3ad53f6f299a9a80021562f2b7bf48ba1  
Repository: [https://github.com/muhamadshidan/CICD\\_KATALON.git](https://github.com/muhamadshidan/CICD_KATALON.git)

- refs/remotes/origin/master

REST API Jenkins 2.361.2

31°C Cerah 5:12 PM

## Praktikum CICD PIPELINE

Muhamad Shidan Nur Alliyin | Quality Engineer (QE) | Alterra Academy Batch 3 |

Instruktur/Pengajar – Trino Hutasoit

The screenshot shows the Jenkins web interface at localhost:8080. The 'Console Output' tab is selected for build #1 of the 'coba' job. The output log shows the following steps:

- Started by an SCM change
- Running as SYSTEM
- Building in workspace C:\ProgramData\Jenkins\workspace\coba\_coba
- The recommended git tool is: NONE
- using credential 226e5a14-0155-438b-8356-8cc130571c75
- Cloning the remote Git repository
- Cloning repository [https://github.com/muhamadshidan/CICD\\_KATALON.git](https://github.com/muhamadshidan/CICD_KATALON.git)
- > C:\Program Files\Git\cmd\git.exe init C:\ProgramData\Jenkins\workspace\coba\_coba # timeout=10
- Fetching upstream changes from [https://github.com/muhamadshidan/CICD\\_KATALON.git](https://github.com/muhamadshidan/CICD_KATALON.git)
- > C:\Program Files\Git\cmd\git.exe --version # timeout=10
- > git --version # 'git version 2.37.2.windows.2'
- using GIT\_ASKPASS to set credentials
- > C:\Program Files\Git\cmd\git.exe fetch --tags --force --progress -- [https://github.com/muhamadshidan/CICD\\_KATALON.git](https://github.com/muhamadshidan/CICD_KATALON.git) +refs/heads/\*:refs/remotes/origin/\* # timeout=10
- > C:\Program Files\Git\cmd\git.exe config remote.origin.url [https://github.com/muhamadshidan/CICD\\_KATALON.git](https://github.com/muhamadshidan/CICD_KATALON.git) # timeout=10
- > C:\Program Files\Git\cmd\git.exe config --add remote.origin.fetch +refs/heads/\*:refs/remotes/origin/\* # timeout=10
- Avoid second fetch
- > C:\Program Files\Git\cmd\git.exe rev-parse "refs/remotes/origin/master^{commit}" # timeout=10
- Checking out Revision f0df15d3ad53f6f299a9a80021562f2b7bf48ba1 (refs/remotes/origin/master)