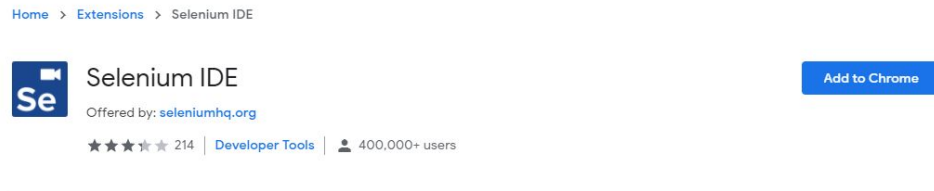


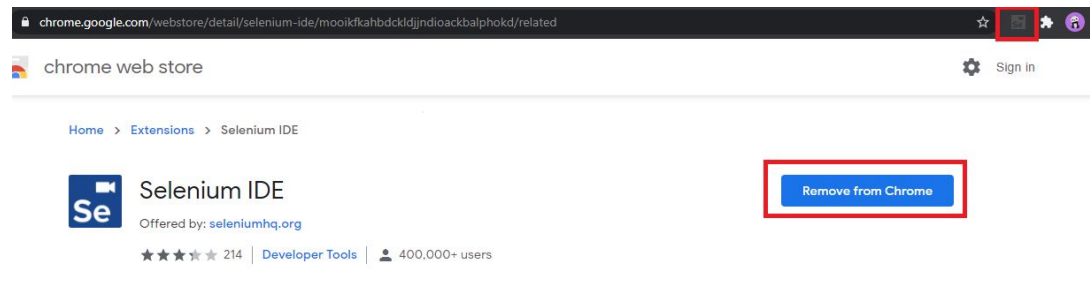
Cheat Sheet Selenium

1. Installation of the necessary tools

- 1.1. Open Firefox or Chrome
- 1.2. Search Selenium IDE > Add to Chrome

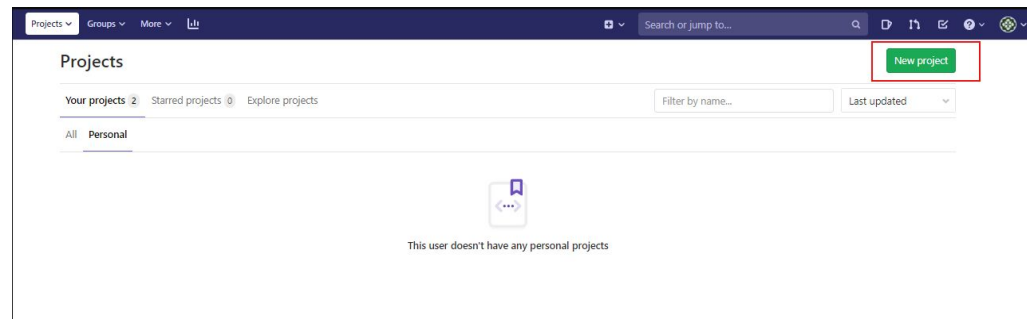


1.3. If already installed



2. How to connect to Gitlab?

- 2.1. Login Gitlab (https://gitlab.javan.co.id/users/sign_in)
Input your username and password
- 2.2. How to Create a Project (Repository) in GitLab
 - 2.2.1. Click New Project



- 2.2.2. Fill Project name and Visibility Level you want > Click Create Project

Blank project
Create from template
Import project

Project name
My awesome project

Project URL
https://gitlab.javan.co.id/dita/
Project slug
my-awesome-project

Want to house several dependent projects under the same namespace? [Create a group](#).

Project description (optional)
Description format

Visibility Level ⓘ

☒ Private
Project access must be granted explicitly to each user.
☐ Internal
The project can be accessed by any logged in user.
☐ Public
The project can be accessed without any authentication.

☐ Initialize repository with a README
Allows you to immediately clone this project's repository. Skip this if you plan to push up an existing repository.

Create project
Cancel

2.2.3. Project has been create

Nanditia Fitra Aziza > Test123 > Details

Project "Test123" was successfully created.

T

Test123 ⓘ
Project ID: 134

🔔
★ Star 0

The repository for this project is empty
You can get started by cloning the repository or start adding files to it with one of the following options.

Clone ▾
New file
Add README
Add LICENSE
Add CHANGELOG
Add CONTRIBUTING

2.2.4. Install download and install git (<https://git-scm.com/downloads>)

2.2.5. open the Terminal (Git Bash on Windows)

2.2.6. Git global setup

```

MINGW64:/e

NFA@DESKTOP-DK2GVKU MINGW64 ~ (master)
$ cd E:

NFA@DESKTOP-DK2GVKU MINGW64 /e
$ git config --global user.name "Nanditia Fitra Aziza"

NFA@DESKTOP-DK2GVKU MINGW64 /e
$ git config --global user.email "ditanfa@gmail.com"

NFA@DESKTOP-DK2GVKU MINGW64 /e
$ |

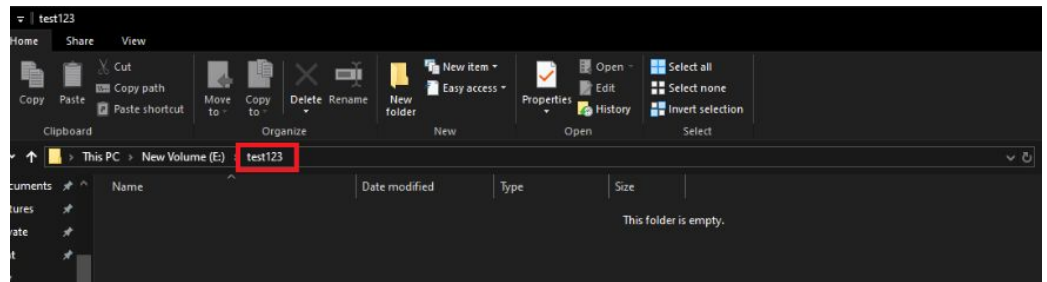
```

2.2.7. Clone a new repository

Now you can the Git process with this command:

```
git clone https://gitlab.javan.co.id/dita/test123.git
```

Test123 Success clone



2.3. How to Push to GitLab

You can process with this command:

1. Input folder name > `cd existing_folder`
2. Filename want you push > `$ git add DismantleSeleniumTestNew.side`
3. "Selenium Dismantle" is describes commits `$ git commit -m "Selenium Dismantle"`
4. After that you must push with this command `$ git push -u origin master`

```
NFA@DESKTOP-DK2GVKU MINGW64 ~ (master)
$ cd e:

NFA@DESKTOP-DK2GVKU MINGW64 /e
$ cd test123

NFA@DESKTOP-DK2GVKU MINGW64 /e/test123 (master)
$ git add DismantleSeleniumTestNew.side
warning: LF will be replaced by CRLF in DismantleSeleniumTestNew.side.
The file will have its original line endings in your working directory

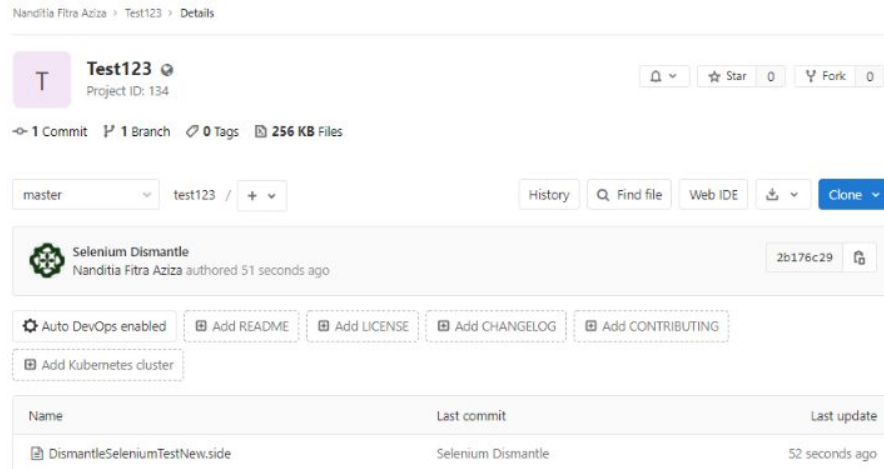
NFA@DESKTOP-DK2GVKU MINGW64 /e/test123 (master)
$ git commit -m "Selenium Dismantle"
[master (root-commit) 2b176c2] Selenium Dismantle
1 file changed, 26266 insertions(+)
 create mode 100644 DismantleSeleniumTestNew.side

NFA@DESKTOP-DK2GVKU MINGW64 /e/test123 (master)
$ git push -u origin master
error: src refspec origin does not match any
error: Failed to push some refs to 'u-'

NFA@DESKTOP-DK2GVKU MINGW64 /e/test123 (master)
$ git push -u origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 88.84 KiB | 1.33 MiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://gitlab.javan.co.id/dita/test123.git
 * [new branch]      master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.

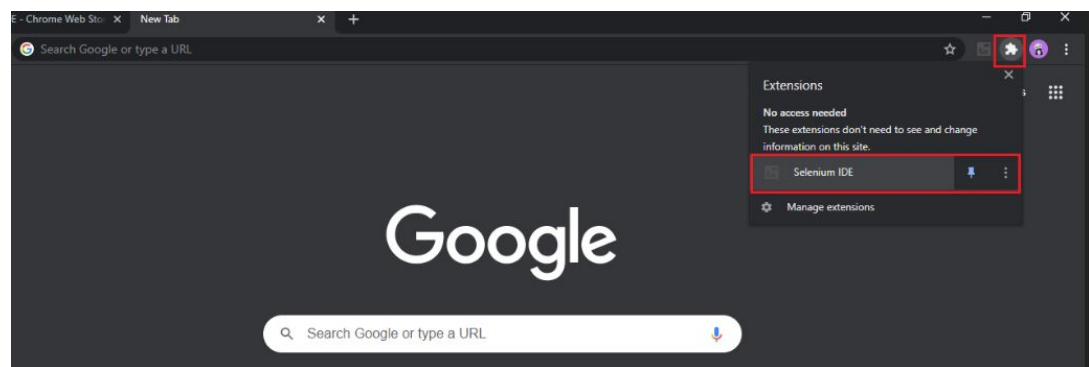
NFA@DESKTOP-DK2GVKU MINGW64 /e/test123 (master)
$
```

5. Success Push in gitlab

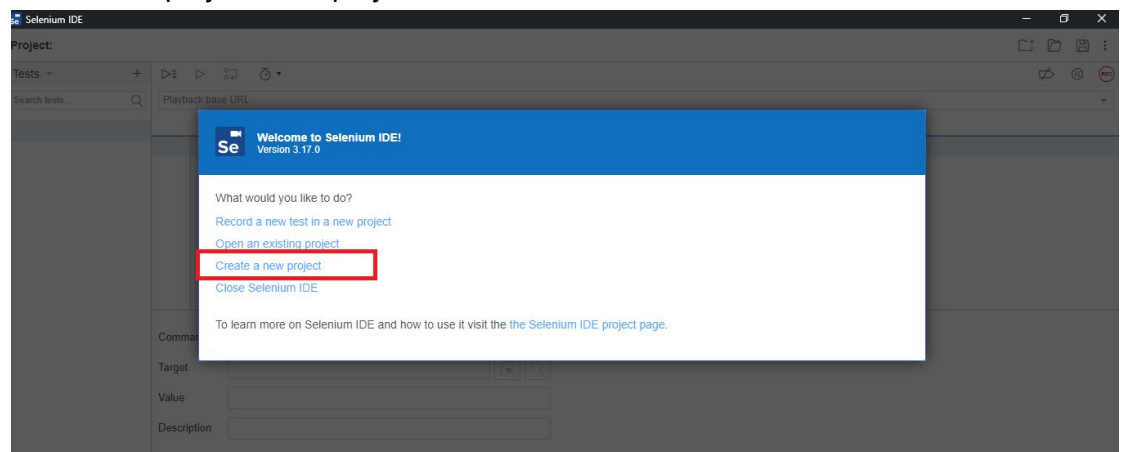


3. How to Run a Selenium IDE?

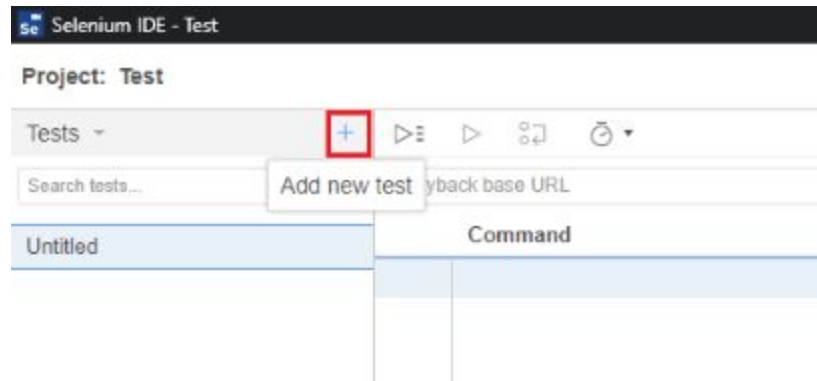
3.1. Click Extension > choose Selenium IDE



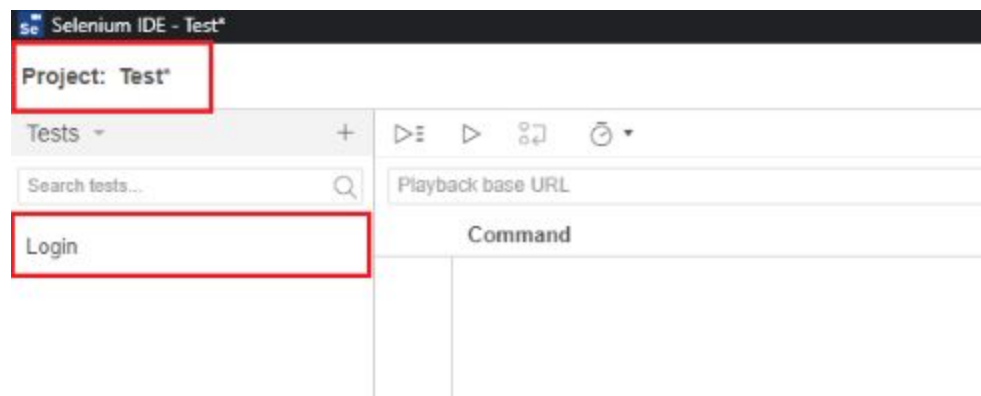
3.2. Create new project > Fill project name



3.3. Click icon + Add new test > Fill Test case name

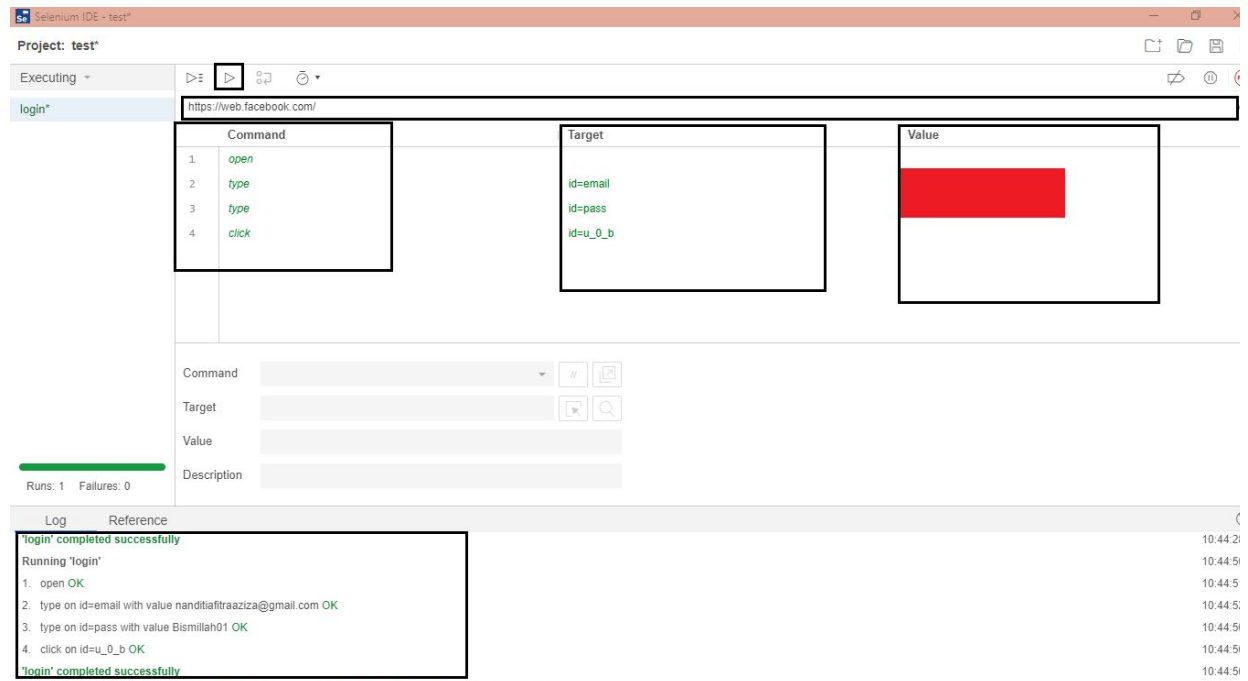


- 3.4. Test case has been created
 Project name: Test
 Test case : Login



4. How to test a web page?

- 4.1. For example login in <https://www.facebook.com/>
- 4.2. Input URL website
- 4.3. Input command commands used such as type & click
- 4.4. input the target that has been done in the command
- 4.5. Input value from the target
- 4.6. After filling all the run test cases
- 4.7. Then the test results can be seen in the log section and provide a green indicator if successful and red if an error occurs



5. How to change the environment in selenium? (ex.Dev, Staging)

If one test case has a few environments, you can change the URL.

- 5.1. Fill in the URL that will be used.
- 5.2. Run Test Case



6. How to use Assert and Verify in Selenium?

- 6.1. In the column comment choose assert text , Then fill target and value from previously inputted data

| | Command | Target | Value |
|----|-------------|--|---------------|
| 22 | // assert | Search | Tower Name |
| 23 | click | xpath=//button[contains(.,'Reset')] | |
| 24 | store text | css=.mat-cell:nth-child(3) | towerName |
| 25 | type | css=input[formcontrolname='towerName'] | \${towerName} |
| 26 | click | xpath=//button[contains(.,'Search')] | |
| 27 | assert text | css=.mat-cell:nth-child(3) | \${towerName} |