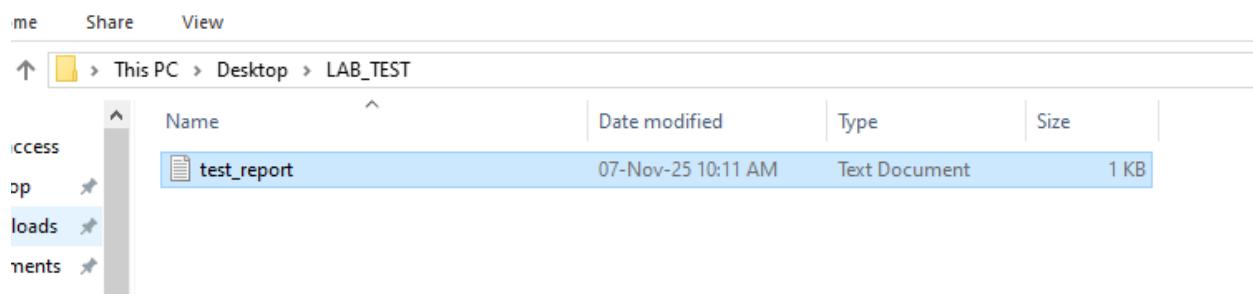


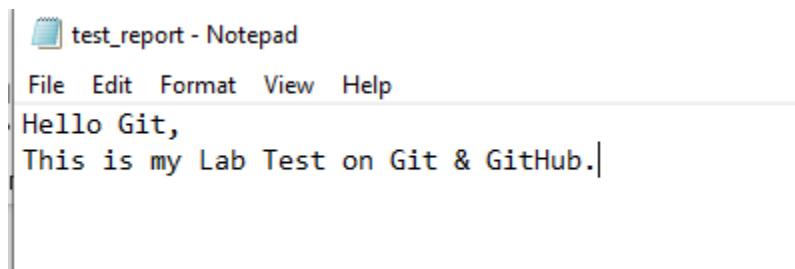
Lab Question - 1 (Git & GitHub)



- ❖ Created this new folder in my desktop.



- ❖ Created .txt file in the LAB_test folder



- ❖ Contents of test_report.txt

```
c:\ Command Prompt
Microsoft Windows [Version 10.0.19045.6456]
(c) Microsoft Corporation. All rights reserved.

C:\Users\LENOVO>cd desktop

C:\Users\LENOVO\Desktop>cd LAB_TEST

C:\Users\LENOVO\Desktop\LAB_TEST>git init
Initialized empty Git repository in C:/Users/LENOVO/Desktop/LAB_TEST/.git/

C:\Users\LENOVO\Desktop\LAB_TEST>git add .

C:\Users\LENOVO\Desktop\LAB_TEST>git commit -m "Initial commit for lab test"
[main (root-commit) 19c0410] Initial commit for lab test
 1 file changed, 2 insertions(+)
 create mode 100644 test_report.txt
```

- ❖ Initialize the folder as a local Git repository and commit with "Initial commit for lab test"

The screenshot shows a GitHub user profile for 'marziasonia16'. On the left, there's a circular profile picture with a pink and white checkered pattern. Below it, the username 'marziasonia16' is displayed. To the right, there's a navigation bar with tabs: Overview (which is selected), Repositories (5), Projects, Packages, and Stars. A search bar labeled 'Type' is also present. The main area is titled 'Popular repositories' and lists three repositories: 'marziasonia16.github.io' (Public, HTML), 'ict_lab' (Public), and 'LAB_TEST_REPO' (Public). The 'LAB_TEST_REPO' name is highlighted with a yellow box.

- ❖ Created a new repository in my GitHub account named LAB_TEST_REPO

```
C:\Users\LENOVO\Desktop\LAB_TEST>git branch -M main
C:\Users\LENOVO\Desktop\LAB_TEST>git remote add origin https://github.com/marziasonia16/LAB_TEST_REPO.git
C:\Users\LENOVO\Desktop\LAB_TEST>git push -u origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 269 bytes | 134.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/marziasonia16/LAB_TEST_REPO.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
```

❖ Connect the local repo with remote repo

The screenshot shows a GitHub repository page for 'LAB_TEST_REPO'. At the top, there's a navigation bar with links for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. Below the navigation bar, the repository name 'LAB_TEST_REPO' is displayed, along with a 'Public' badge. On the left, there's a dropdown menu showing 'main' and a stats summary: 1 Branch and 0 Tags. In the center, a commit card is shown for 'marziasonia16' with the message 'Initial commit for lab test'. The commit was made 19c0410 · 4 minutes ago and includes 1 Commit. A file named 'test_report.txt' is listed under the commit. On the right side of the commit card, there are options to Pin, Watch (0), and a dropdown menu with icons for A, N, ^, and G.

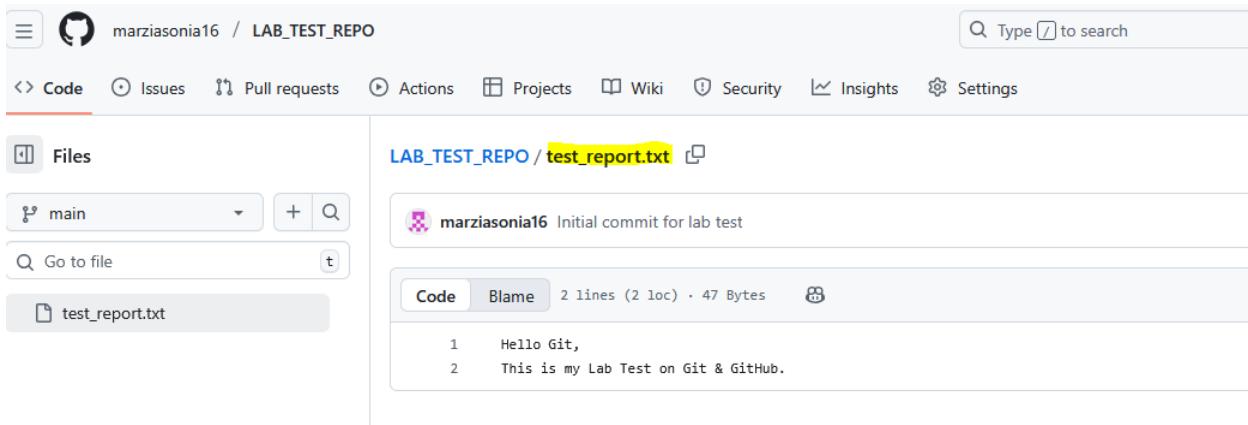
❖ Push commit to the main branch of the remote repository.

```
C:\Users\LENOVO\Desktop\LAB_TEST>git remote -v
origin  https://github.com/marziasonia16/LAB_TEST_REPO.git (fetch)
origin  https://github.com/marziasonia16/LAB_TEST_REPO.git (push)

C:\Users\LENOVO\Desktop\LAB_TEST>git log
commit 19c0410d58039638a38a9cf8b5f642d14e1408e3 (HEAD -> main, origin/main)
Author: marzia <marziasonia97@gmail.com>
Date:   Fri Nov 7 10:21:38 2025 +0600

    Initial commit for lab test
```

❖ Verify successful push by showing: git remote -v and git log



- ❖ Screenshot of my GitHub repository showing test_report.txt file.

Lab Question - 2 (Postman API Testing)

A screenshot of the Postman application. On the left, there is a sidebar with icons for Collections, Environments, Flows, and History. The 'Collections' section shows one item named 'API_LAB_TEST', which is highlighted with a yellow box. The main workspace shows a 'GET' request to 'https://jsonplaceholder.typicode.com'. The 'Params' tab is selected, showing a table with two rows:

Key	Value	Description
Key	Value	Description

- ❖ Created a new Postman Collection named API_LAB_TEST.

The screenshot shows the Postman interface with a GET request to `https://jsonplaceholder.typicode.com/users`. The response status is 200 OK, and the response body is a JSON array containing one user object:

```
1 [  
2 | {  
3 | | "id": 1,  
4 | | "name": "Leanne Graham",  
5 | }]
```

❖ Added a GET request

The screenshot shows the Postman interface with a POST request to `https://jsonplaceholder.typicode.com/posts`. The response status is 201 Created, and the response body is a JSON object representing the newly created post:

```
1 {  
2 | "title": "Lab Test Post",  
3 | "body": "This post was created using Postman.",  
4 | "userId": 10  
5 | }
```

❖ Added a POST request

New Environment

Variable Value

Variable	Type	Initial	Current
<input checked="" type="checkbox"/> [REDACTED]	default	[REDACTED]	[REDACTED]
<input checked="" type="checkbox"/> [REDACTED]	secret	[REDACTED]	[REDACTED]

What's changed for variables

- Local by default: All variable values you input stay local unless shared explicitly.
- Initial Shared values: Share variable values with your teammates with click of a button.
- Mark as sensitive: Caution your teammates about the sensitive fields and mask their values.

Variable Value

base_url	https://jsonplaceholder.typicode.com
----------	--------------------------------------

Add variable

❖ Use of environment variables

HTTP API_LAB_TEST

GET {{base_url}}/posts

Params Authorization Headers (7) Body Scripts Settings Cookies

none form-data x-www-form-urlencoded raw binary GraphQL

This request does not have a body

Body Cookies Headers (25) Test Results

200 OK 61 ms 8.02 KB

```

1 [
2   {
3     "userId": 1,
4     "id": 1,

```

❖ GET response status (200 OK)

The screenshot shows the Postman application interface. At the top, it says "HTTP API_LAB_TEST". On the right, there are "Save" and "Share" buttons. Below the header, the method is set to "POST" and the URL is "({{base_url}}) /posts". The "Body" tab is selected, showing the following JSON payload:

```
1 {
2   "title": "Lab Test Post",
3   "body": "This post was created using Postman.",
4   "userId": 10
5 }
```

Below the body, the "Cookies" section is visible. At the bottom, the results are shown with a status of "201 Created", a response time of "1.33 s", and a size of "1.31 KB". The JSON response body is identical to the one sent:

```
1 {
2   "title": "Lab Test Post",
3   "body": "This post was created using Postman.",
4   "userId": 10,
```

❖ POST response (with created data and ID)