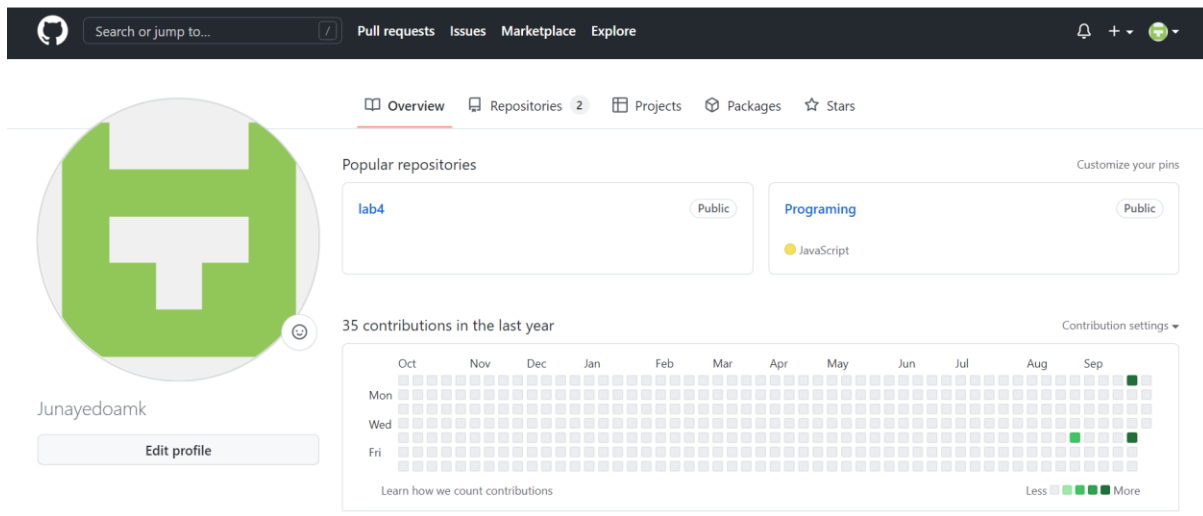
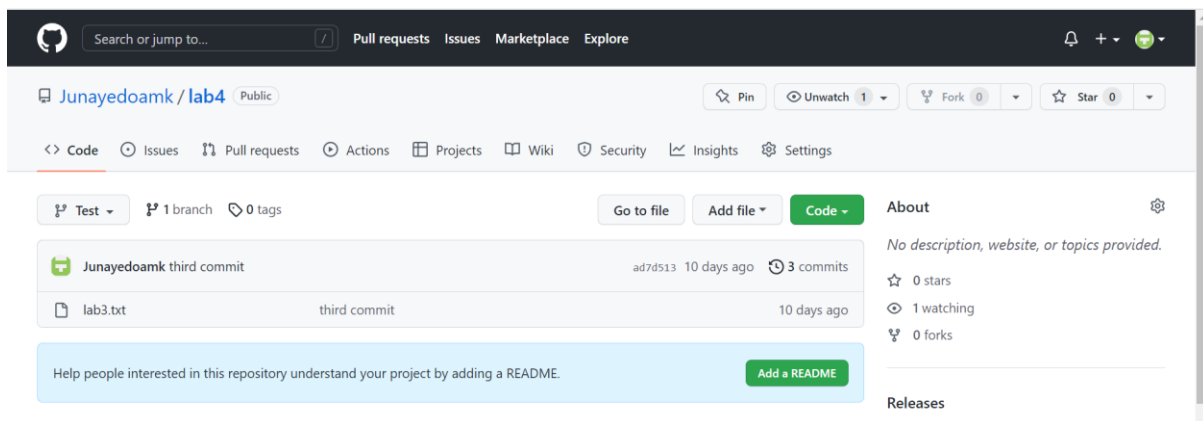


Exercise 1



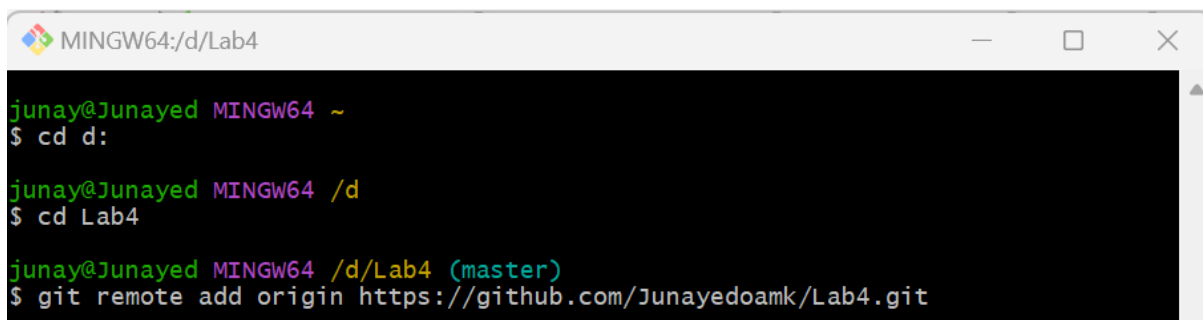
The image shows a GitHub profile page for the user Junayedoamk. The profile picture is a green circle with a white 'H' shape. The page includes a search bar, navigation links for Pull requests, Issues, Marketplace, and Explore, and a header with Overview, Repositories (2), Projects, Packages, and Stars. The main content area displays 'Popular repositories' with 'lab4' and 'Programming' (JavaScript) listed. Below this is a '35 contributions in the last year' section with a calendar grid showing contributions from October to September. The grid shows contributions on various days, with a legend indicating 'Less' and 'More' contributions.

Exercise 2



The image shows a GitHub repository page for 'Junayedoamk/lab4'. The page includes a search bar, navigation links for Pull requests, Issues, Marketplace, and Explore, and a header with Overview, Repositories (2), Projects, Packages, and Stars. The main content area displays the repository name 'Junayedoamk/lab4' with a 'Public' badge. Below this is a section for 'Code' with links to Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. The 'Code' section shows a commit history table with columns for commit message, commit hash, time ago, and number of commits. The table lists two commits: 'Junayedoamk third commit' and 'lab3.txt third commit'. Below the table is a button to 'Add a README'. The right sidebar shows the 'About' section with a description, stars, watching, and forks counts, and a 'Releases' section.

Exercise 3

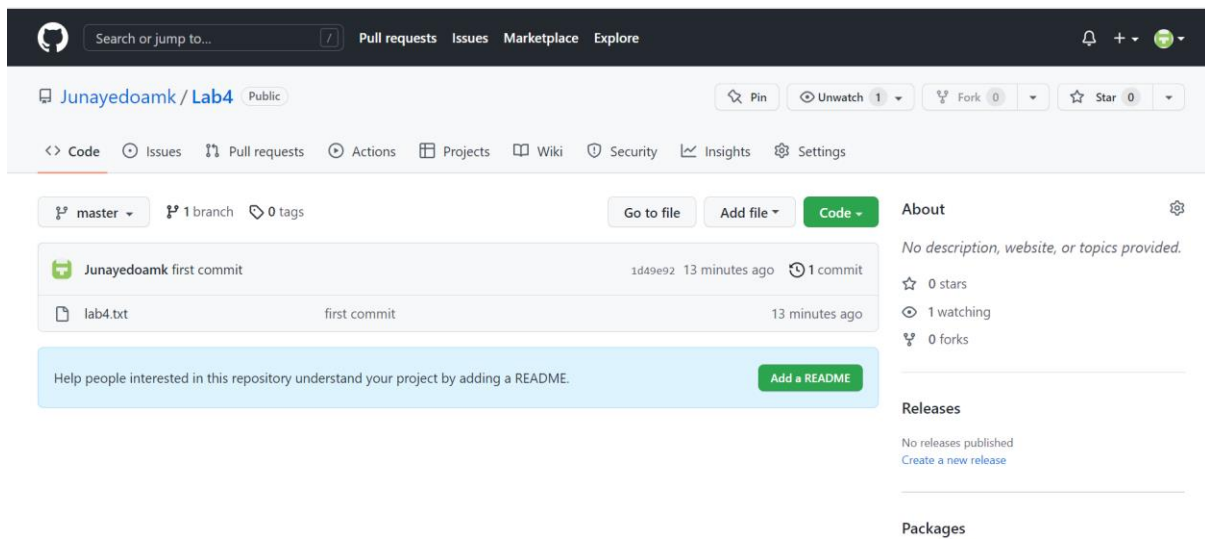


```
MINGW64:/d/Lab4
junay@Junayed MINGW64 ~
$ cd d:

junay@Junayed MINGW64 /d
$ cd Lab4

junay@Junayed MINGW64 /d/Lab4 (master)
$ git remote add origin https://github.com/Junayedoamk/Lab4.git
```

Exercise 4



```
MINGW64:/d/Lab4

junay@Junayed MINGW64 ~
$ cd d:

junay@Junayed MINGW64 /d
$ cd Lab4

junay@Junayed MINGW64 /d/Lab4 (master)
$ git remote add origin https://github.com/Junayedoamk/Lab4.git

junay@Junayed MINGW64 /d/Lab4 (master)
$ git push orgine master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 260 bytes | 260.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote: This repository moved. Please use the new location:
remote: https://github.com/Junayedoamk/Lab4.git
To https://github.com/Junayedoamk/lab4.git
 * [new branch]      master -> master

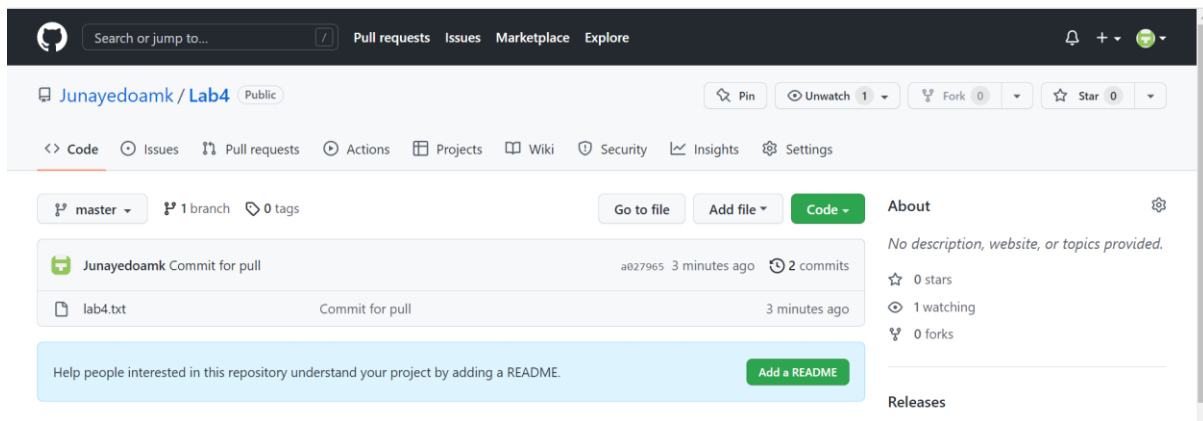
junay@Junayed MINGW64 /d/Lab4 (master)
$
```

Edit the file in GITHUB and pull to local repo

```
MINGW64:/d/Lab4

junay@Junayed MINGW64 /d/Lab4 (master)
$ git pull orgine master
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 662 bytes | 55.00 KiB/s, done.
From https://github.com/Junayedoamk/lab4
 * branch            master      -> FETCH_HEAD
   1d49e92..a027965  master      -> orgine/master
Updating 1d49e92..a027965
Fast-forward
 lab4.txt | 3 ++-
 1 file changed, 2 insertions(+), 1 deletion(-)

junay@Junayed MINGW64 /d/Lab4 (master)
$
```



Exercise 5

Create local branch and checkout that branch

Make some changes to file

push and create remote branch

```
MINGW64:/d/Lab4

junay@Junayed MINGW64 /d/Lab4 (master)
$ git branch test

junay@Junayed MINGW64 /d/Lab4 (master)
$ git checkout test
Switched to branch 'test'

junay@Junayed MINGW64 /d/Lab4 (test)
$ notepad lab4.txt

junay@Junayed MINGW64 /d/Lab4 (test)
$ git add
Nothing specified, nothing added.
hint: Maybe you wanted to say 'git add .'
hint: Turn this message off by running
hint: "git config advice.addEmptyPaths false"

junay@Junayed MINGW64 /d/Lab4 (test)
$ git add lab4.txt

junay@Junayed MINGW64 /d/Lab4 (test)
$ git commit -m "branch first commit"
[test 4524987] branch first commit
1 file changed, 1 insertion(+)

junay@Junayed MINGW64 /d/Lab4 (test)
$ git push orgine test
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 16 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 325 bytes | 325.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote: This repository moved. Please use the new location:
remote: https://github.com/Junayedoamk/Lab4.git
remote:
remote: Create a pull request for 'test' on GitHub by visiting:
remote: https://github.com/Junayedoamk/Lab4/pull/new/test
remote:
To https://github.com/Junayedoamk/lab4.git
* [new branch] test -> test
```

Create pull request and merge branch to master in GITHUB

Delete remote branch in GITHUB

Checkout local master and delete local branch

pull master from GITHUB

```
MINGW64:/d/Lab4

junay@Junayed MINGW64 /d/Lab4 (test)
$ git checkout master
Switched to branch 'master'

junay@Junayed MINGW64 /d/Lab4 (master)
$ git branch --delete test
error: The branch 'test' is not fully merged.
If you are sure you want to delete it, run 'git branch -D test'.

junay@Junayed MINGW64 /d/Lab4 (master)
$ git branch -D test
Deleted branch test (was 4524987).

junay@Junayed MINGW64 /d/Lab4 (master)
$ git pull orgine master
remote: Enumerating objects: 1, done.
remote: Counting objects: 100% (1/1), done.
remote: Total 1 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (1/1), 620 bytes | 124.00 KiB/s, done.
From https://github.com/Junayedoamk/lab4
* branch          master      -> FETCH_HEAD
  a027965..e2b9284 master      -> orgine/master
Updating a027965..e2b9284
Fast-forward
 lab4.txt | 1 +
 1 file changed, 1 insertion(+)

junay@Junayed MINGW64 /d/Lab4 (master)
$
```