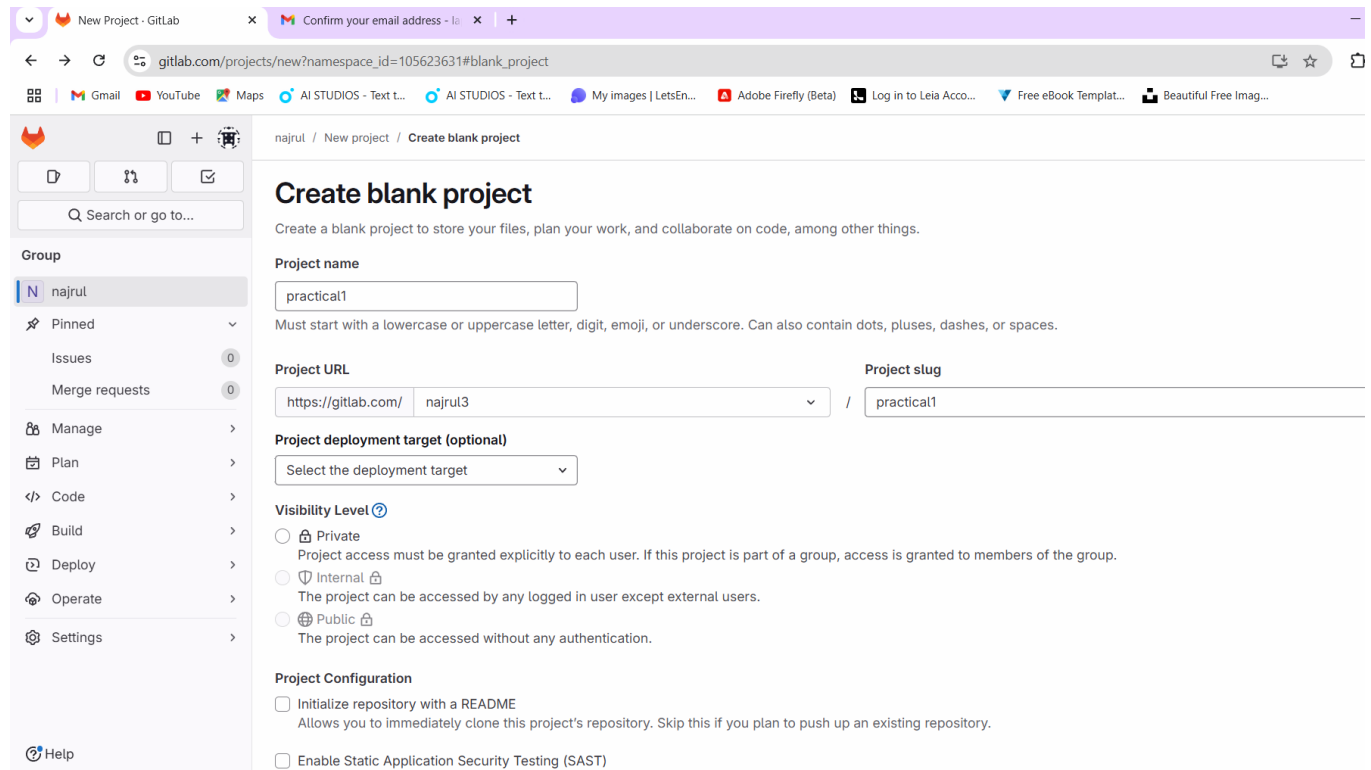


1. Push operation from Web IDE

Step 1:



gitlab.com/projects/new?namespace_id=105623631#blank_project

Create blank project

Create a blank project to store your files, plan your work, and collaborate on code, among other things.

Project name
practical1
Must start with a lowercase or uppercase letter, digit, emoji, or underscore. Can also contain dots, pluses, dashes, or spaces.

Project URL
https://gitlab.com/ najrul3

Project slug
practical1

Project deployment target (optional)
Select the deployment target

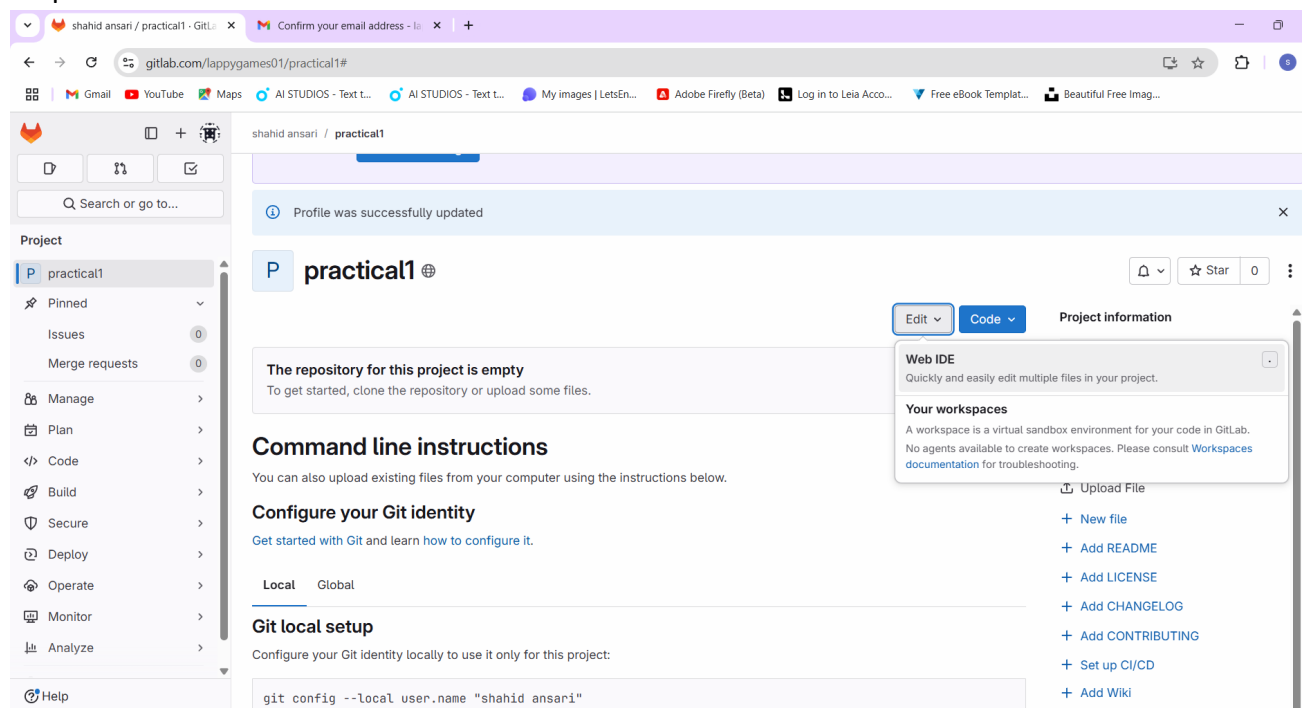
Visibility Level

- ☐ Private
Project access must be granted explicitly to each user. If this project is part of a group, access is granted to members of the group.
- ☐ Internal
The project can be accessed by any logged in user except external users.
- ☐ Public
The project can be accessed without any authentication.

Project Configuration

- ☐ 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.
- ☐ Enable Static Application Security Testing (SAST)

Step 2:



shahid ansari / practical1

Profile was successfully updated

practical1

The repository for this project is empty
To get started, clone the repository or upload some files.

Command line instructions

You can also upload existing files from your computer using the instructions below.

Configure your Git identity

Get started with Git and learn how to configure it.

Local Global

Git local setup

Configure your Git identity locally to use it only for this project:

```
git config --local user.name "shahid ansari"
```

Project information

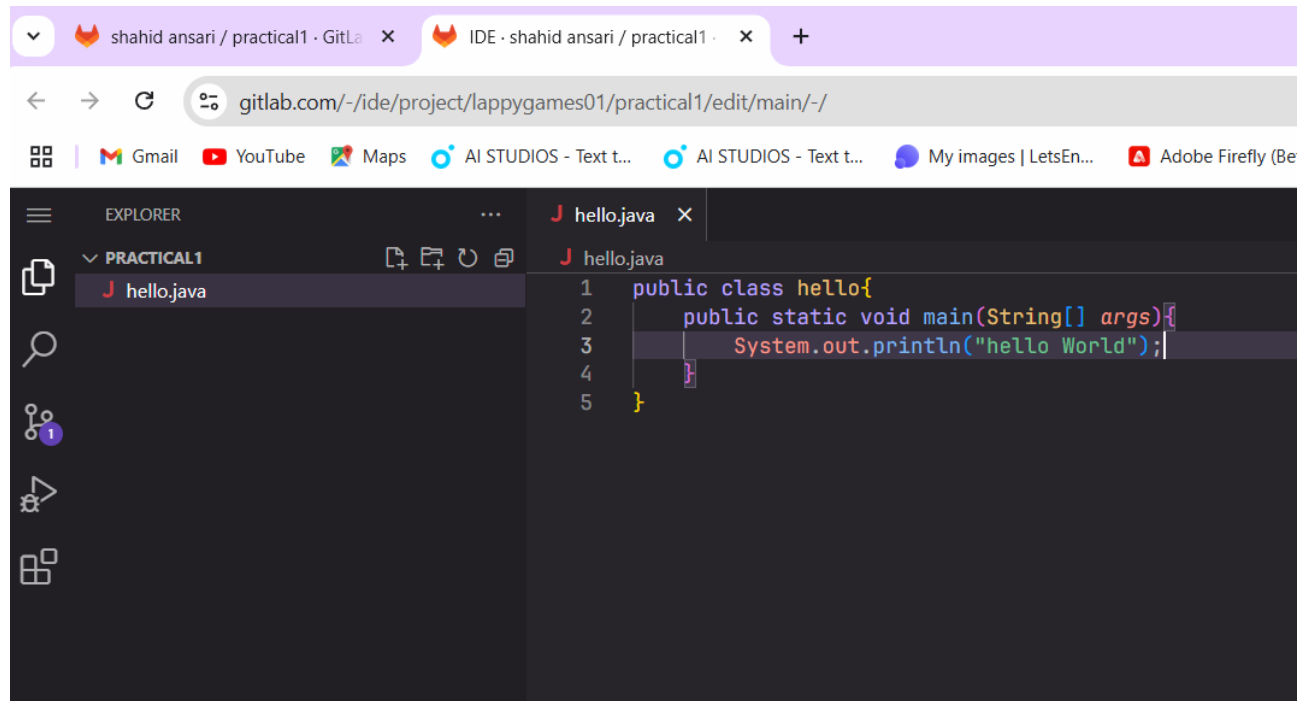
Web IDE
Quickly and easily edit multiple files in your project.

Your workspaces
A workspace is a virtual sandbox environment for your code in GitLab. No agents available to create workspaces. Please consult [Workspaces documentation](#) for troubleshooting.

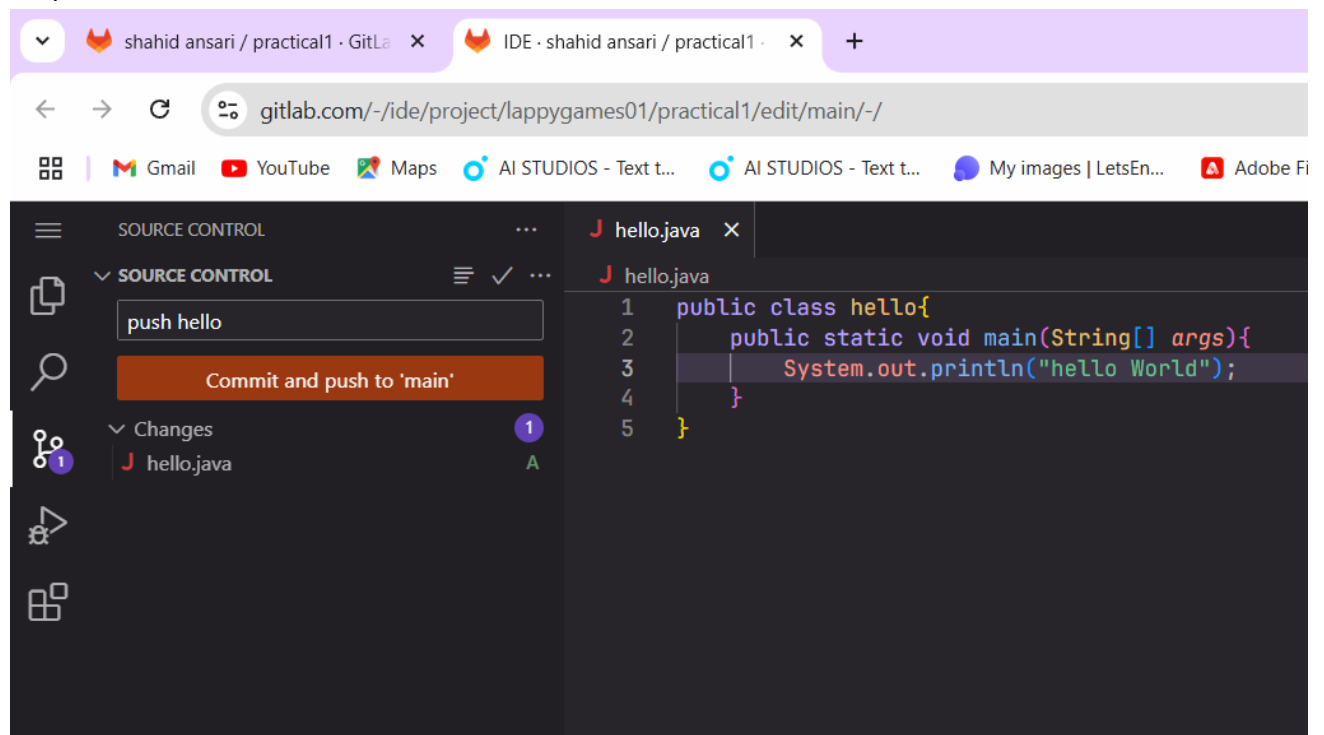
Upload File

- + New file
- + Add README
- + Add LICENSE
- + Add CHANGELOG
- + Add CONTRIBUTING
- + Set up CI/CD
- + Add Wiki

Step 3:



Step 4 :



Step 5:

The screenshot displays the GitLab web interface for a project named 'practical1'. The browser's address bar shows the URL 'gitlab.com/lappygames01/practical1#'. The page features a sidebar on the left with navigation links: 'Project', 'practical1', 'Pinned', 'Issues', 'Merge requests', 'Manage', 'Plan', 'Code', 'Build', 'Secure', and 'Deploy'. The main content area shows the 'practical1' project name, a branch selector set to 'main', and a recent commit titled 'push hello' by 'shahid ansari'.

Auto DevOps
Automatically build, test, and deploy your application based on a predefined CI/CD configuration.
[Enable in settings](#)

practical1

main practical1 / [+](#)

push hello
shahid ansari authored just now

Name	Last commit
hello.java	push hello

2. Push operation in master and merging it with main branch

Step 1:

```
MINGW64:/c/Users/HP/Desktop/devOps/practical1

HP@LAPTOP-985Q51S2 MINGW64 ~/Desktop/devOps
$ git clone https://gitlab.com/lappygames01/practical1.git
Cloning into 'practical1'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (3/3), done.

HP@LAPTOP-985Q51S2 MINGW64 ~/Desktop/devOps
$ cd practical1

HP@LAPTOP-985Q51S2 MINGW64 ~/Desktop/devOps/practical1 (main)
$ git branch -m main master

HP@LAPTOP-985Q51S2 MINGW64 ~/Desktop/devOps/practical1 (master)
$ nano one.txt

HP@LAPTOP-985Q51S2 MINGW64 ~/Desktop/devOps/practical1 (master)
$ git add .
warning: in the working copy of 'one.txt', LF will be replaced by CRLF the next time Git touches it

HP@LAPTOP-985Q51S2 MINGW64 ~/Desktop/devOps/practical1 (master)
$ git status
On branch master
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   one.txt

HP@LAPTOP-985Q51S2 MINGW64 ~/Desktop/devOps/practical1 (master)
$ git commit -m "commit in master"
[master 07bdfda] commit in master
1 file changed, 1 insertion(+)
create mode 100644 one.txt

HP@LAPTOP-985Q51S2 MINGW64 ~/Desktop/devOps/practical1 (master)
$ git push origin master
info: please complete authentication in your browser...
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 295 bytes | 295.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: To create a merge request for master, visit:
remote:   https://gitlab.com/lappygames01/practical1/-/merge_requests/new?merge_request%5Bsource_branch%5D=master
remote:
To https://gitlab.com/lappygames01/practical1.git
 * [new branch]      master -> master

HP@LAPTOP-985Q51S2 MINGW64 ~/Desktop/devOps/practical1 (master)
$ git checkout main
branch 'main' set up to track 'origin/main'.

HP@LAPTOP-985Q51S2 MINGW64 ~/Desktop/devOps/practical1 (main)
$ git merge master
Updating c520eb6..07bdfda
Fast-forward
 one.txt | 1 +
1 file changed, 1 insertion(+)
create mode 100644 one.txt
```

Step 2:

Merge options

☒ Delete source branch when merge request is accepted.

☐ Squash commits when merge request is accepted. ?


Create merge request

Cancel

Commits 1

Changes 1

Apr 13, 2025

 commit in master

Md Najrul Ansari authored 4 minutes ago

Step 3:

shahid ansari / practical1 / Merge requests / 11

Open shahid ansari requested to merge master into main right now

Overview 0 Commits - Pipelines 0 Changes 1

0 0

Before you can run pipelines, we need to verify your account.
We won't ask you for this information again. It will never be used for marketing purposes.
[Verify my account](#)

8 [Approve](#) Approval is optional ?

Ready to merge!

☒ Delete source branch ☐ Squash commits ? ☐ Edit commit message

- 1 commit and 1 merge commit will be added to main.

[Merge](#)

Activity

practical1

main practical1 / +

[Find file](#) [Edit](#) [Code](#)

Merge branch 'master' into 'main'
shahid ansari authored 16 seconds ago

962aa973 [History](#)

Name	Last commit	Last update
hello.java	push hello	16 minutes ago
one.txt	commit in master	8 minutes ago

3. Push operation in branch :

```
HP@LAPTOP-985Q51S2 MINGW64 ~/Desktop/devOps/practical1 (main)
$ git add .

HP@LAPTOP-985Q51S2 MINGW64 ~/Desktop/devOps/practical1 (main)
$ git commit
On branch main
Your branch is ahead of 'origin/main' by 2 commits.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean

HP@LAPTOP-985Q51S2 MINGW64 ~/Desktop/devOps/practical1 (main)
$ git push origin main
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 12 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (4/4), 498 bytes | 498.00 KiB/s, done.
Total 4 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
To https://gitlab.com/lappygames01/practical1.git
 962aa97..f1193df  main -> main

HP@LAPTOP-985Q51S2 MINGW64 ~/Desktop/devOps/practical1 (main)
$
```

