

1. Deploy To Github Via Git-Practice and evaluate

Step 1: Set up a GitHub repository

- Create a new repository on GitHub or use an existing one for your project.

Step 2: Initialize Git repository

- Initialize a Git repository locally by running `git init` in your project directory.

Step 3: Clone the repository

- Clone the GitHub repository to your local machine using the `git clone` command. This creates a local copy of the repository on your computer.

Step 4: Create a new branch

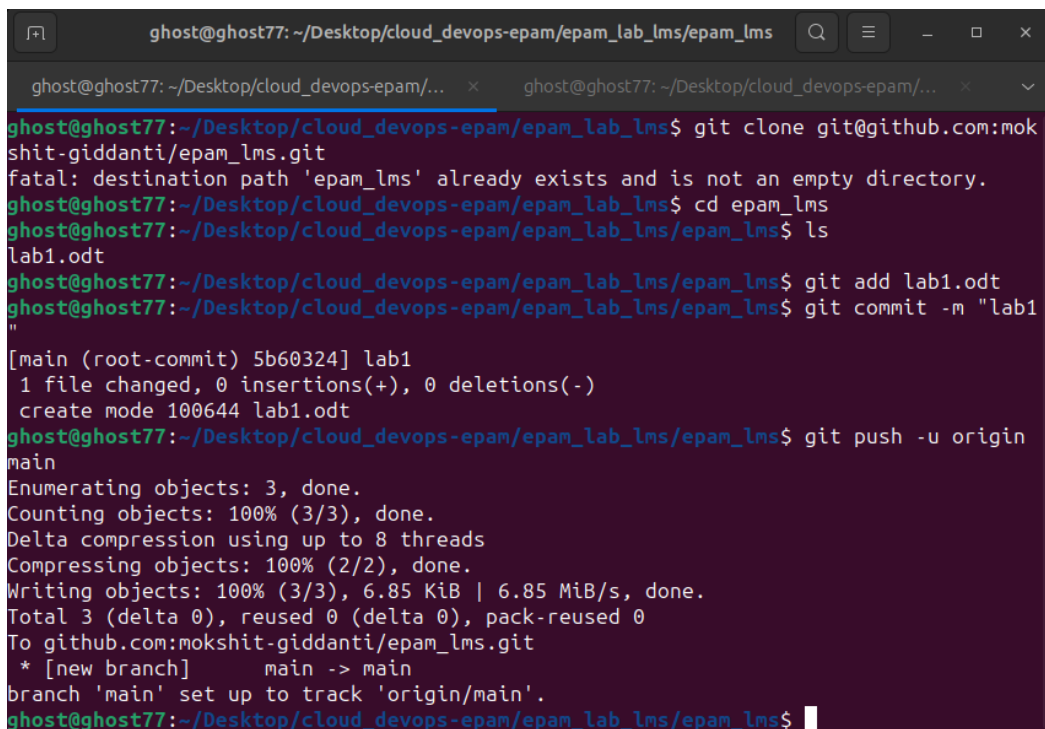
- Create a new branch using the `git branch` command. Branches allow you to work on new features or make changes to the code without affecting the main branch.

Step 5: Make and commit changes

- Make changes to your code and use the `git add` command to stage the changes. Then, use the `git commit` command to commit the changes to your local branch.

Step 6: Push changes to GitHub

- Use the `git push` command to push your local branch and commits to the GitHub repository. This makes your changes accessible to other team members.



```
ghost@ghost77: ~/Desktop/cloud_devops-epam/epam_lab_lms/epam_lms
ghost@ghost77: ~/Desktop/cloud_devops-epam/... x ghost@ghost77: ~/Desktop/cloud_devops-epam/... x
ghost@ghost77:~/Desktop/cloud_devops-epam/epam_lab_lms$ git clone git@github.com:mokshit-giddanti/epam_lms.git
fatal: destination path 'epam_lms' already exists and is not an empty directory.
ghost@ghost77:~/Desktop/cloud_devops-epam/epam_lab_lms$ cd epam_lms
ghost@ghost77:~/Desktop/cloud_devops-epam/epam_lab_lms/epam_lms$ ls
lab1.odt
ghost@ghost77:~/Desktop/cloud_devops-epam/epam_lab_lms/epam_lms$ git add lab1.odt
ghost@ghost77:~/Desktop/cloud_devops-epam/epam_lab_lms/epam_lms$ git commit -m "lab1"
[main (root-commit) 5b60324] lab1
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 lab1.odt
ghost@ghost77:~/Desktop/cloud_devops-epam/epam_lab_lms/epam_lms$ git push -u origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 6.85 KiB | 6.85 MiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To github.com:mokshit-giddanti/epam_lms.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
ghost@ghost77:~/Desktop/cloud_devops-epam/epam_lab_lms/epam_lms$
```