

M599 Lab First Week(s) - OS, Github

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1 Math 599.

This is a reference document for our Math 599 Lab.

2 How to create a repository from a local drive using terminal commands.

You can create a new repository from a local folder on your computer using the terminal with the following steps:

Navigate to the directory where your project is located using the `cd` command. For example, `cd /path/to/your/project`.

Initialize the local directory as a Git repository with the command `git init`.

Add the files in your new local repository. This stages them for the first commit. Use the command `git add .`

Commit the files that you've staged in your local repository with the command `git commit -m 'First commit'`.

Now, you've locally created a new repository and made the first commit. If you want to push this repository to GitHub, you need to create a new repository on GitHub and push your local repository to it. Here are the steps:

Go to GitHub and create a new repository. Do not initialize it with a README, .gitignore, or License. This new repository will have a URL like `https://github.com/user/repo.git`.

Back in your terminal, add the URL for the remote repository where your local repository will be pushed with the command `git remote add origin remote-repository-URL`. Replace `remote-repository-URL` with the URL of your newly created GitHub repository.

Push the changes in your local repository to GitHub with the command `git push -u origin master`.

Now, your local repository is linked with the remote repository on GitHub, and all your local changes have been pushed to GitHub.

3 Plain text verbatim.

We here reproduce just the plaintext verbatim.

You can create a new repository from a local folder on your computer using the terminal with the following commands:

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Initialize the local directory as a Git repository with the command `git init`.

Add the files in your new local repository. This stages them for the first commit. Use the command `git add .`

Commit the files that you've staged in your local repository with the command `git commit -m 'First commit'`.

Now, you've locally created a new repository and made the first commit. If you want to push this repository to GitHub, follow these steps:

Go to GitHub and create a new repository. Do not initialize it with a README, .gitignore, or License.

Back in your terminal, add the URL for the remote repository where your local repository will be pushed. For example, `git remote add origin https://github.com/username/repository-name.git`.

Push the changes in your local repository to GitHub with the command `git push -u origin master`.

Now, your local repository is linked with the remote repository on GitHub, and all your local changes will be pushed to the remote repository.

References