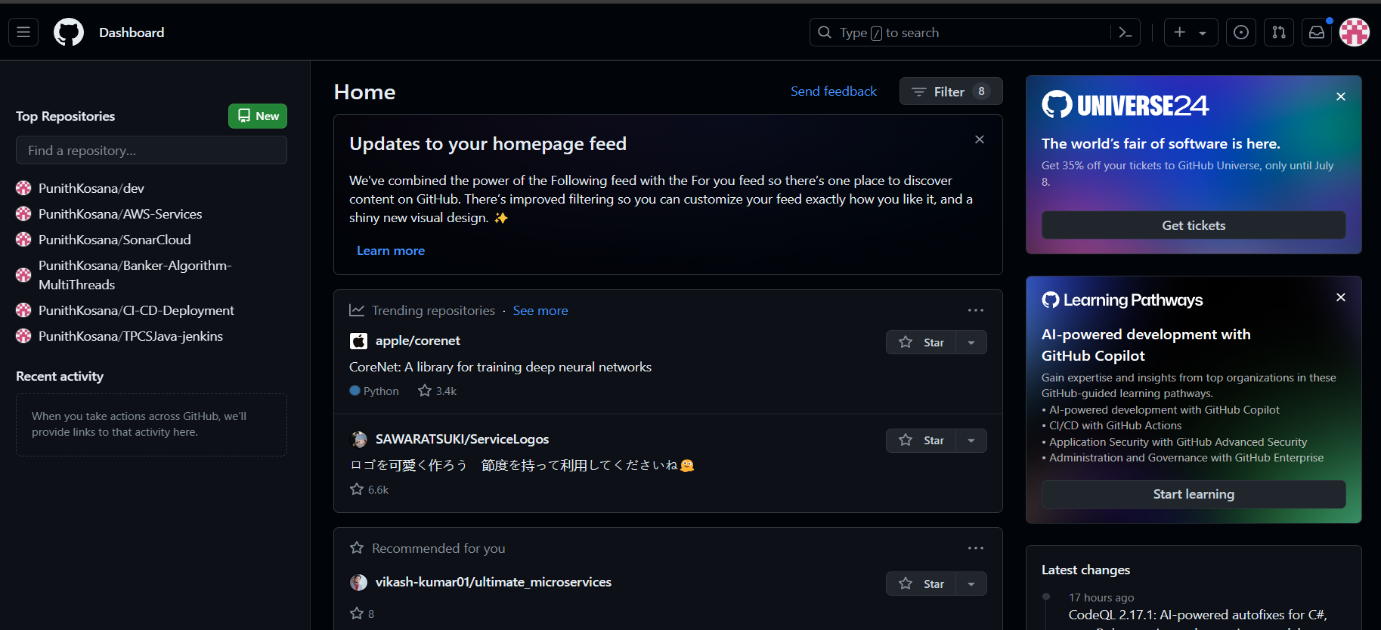
Creating Github Actions Pipeline involving usage of Selenium-Python Automation Testing

Open github.com and login into it. Choose New to create new repository.



Name the repository and make it public. Choose Create Repository.

A screenshot of a computer

Description automatically generated

Install selenium.

A screenshot of a computer

Description automatically generated

This is the website we are going to deploy with github actions.

A screen shot of a computer program

Description automatically generated

This is how website looks like.

A screenshot of a computer

Description automatically generated

Add the file into repo and commit changes.

A screenshot of a computer

Description automatically generated

File has been successfully pushed into the repository.

A screenshot of a computer

Description automatically generated

Go to Settings>Github Pages. Configure Static HTML. Make sure to choose the source as Github Actions.

A screenshot of a computer

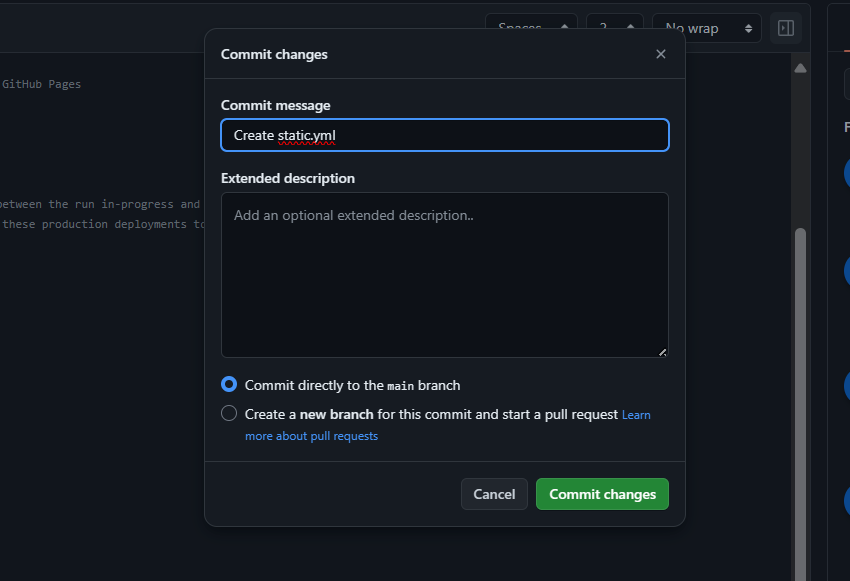
Description automatically generated

This is the code used to deploy onto the github pages.

A screenshot of a computer

Description automatically generated

Commit the changes.



The github workflow has been created successfully.

A screenshot of a computer

Description automatically generated

Choose static.yml and click view runs. The deployment has been successful.

A screenshot of a computer

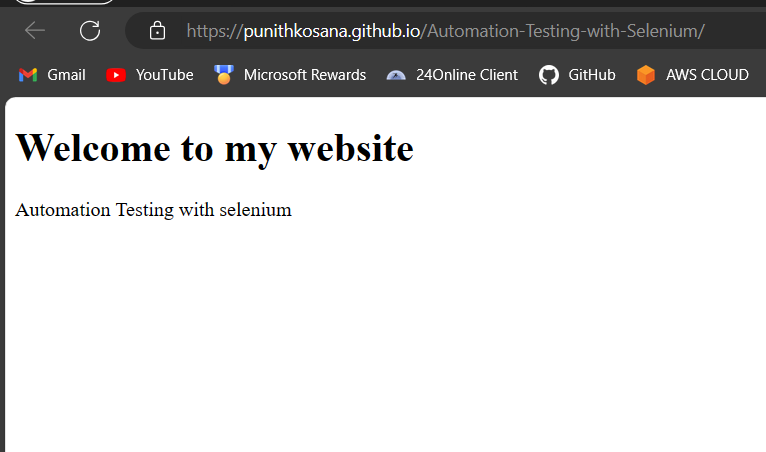
Description automatically generated

Open Github Pages and visit the site.

A screenshot of a computer

Description automatically generated

The website have been deployed.



This is the python-selenium script used to automate the process. Whenever the changes made in the repo, the scripts executes and the screenshot of the website will be pushed into the repository automatically.

A screen shot of a computer program

Description automatically generated

Upload the python file and commit changes.

A screenshot of a computer

Description automatically generated

Add these steps that has to perform and test at the time of deployment in the static.yml file.

A screenshot of a computer program

Description automatically generated

A screenshot of a computer program

Description automatically generated

Commit the changes.

A screenshot of a computer

Description automatically generated

The test has been executed successfully.

A screenshot of a computer

Description automatically generated

The deployment also done successfully.

A screenshot of a computer

Description automatically generated

The screenshot has been taken and pushed into the repository.

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated