Report of MLOPS Assignment No. 1
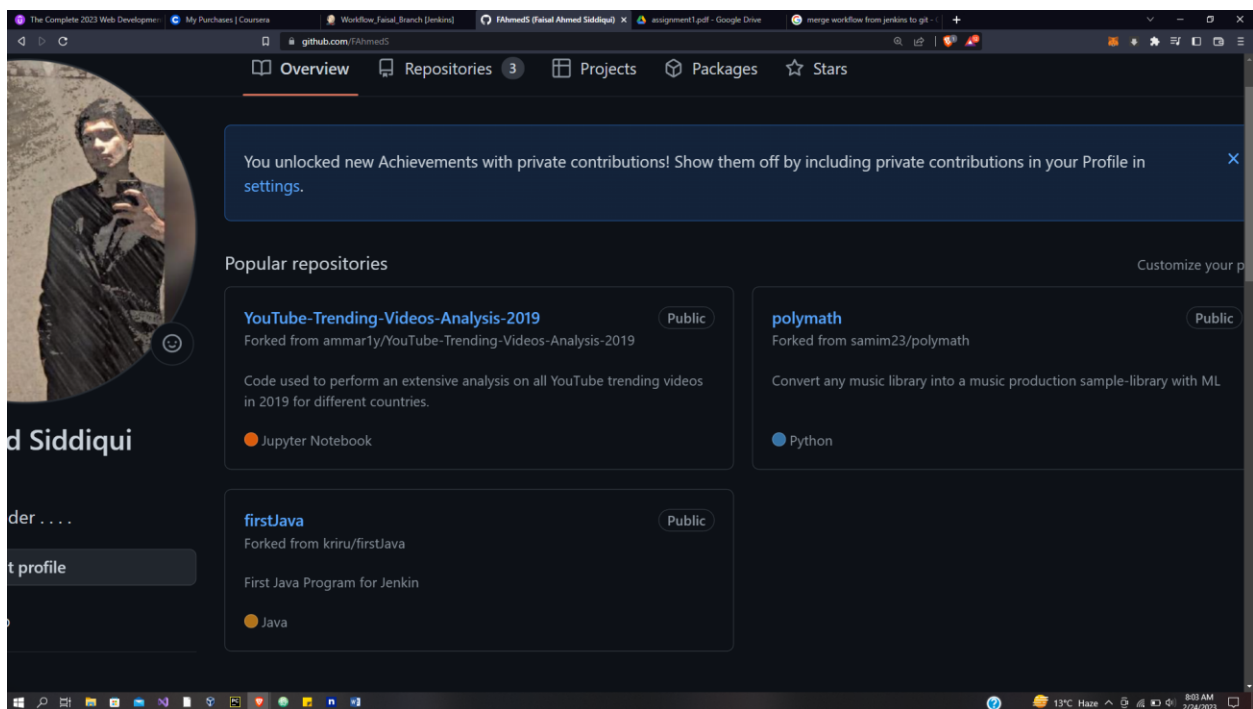
Group Members:

Faisal Ahmed Siddiqui   19I-1674
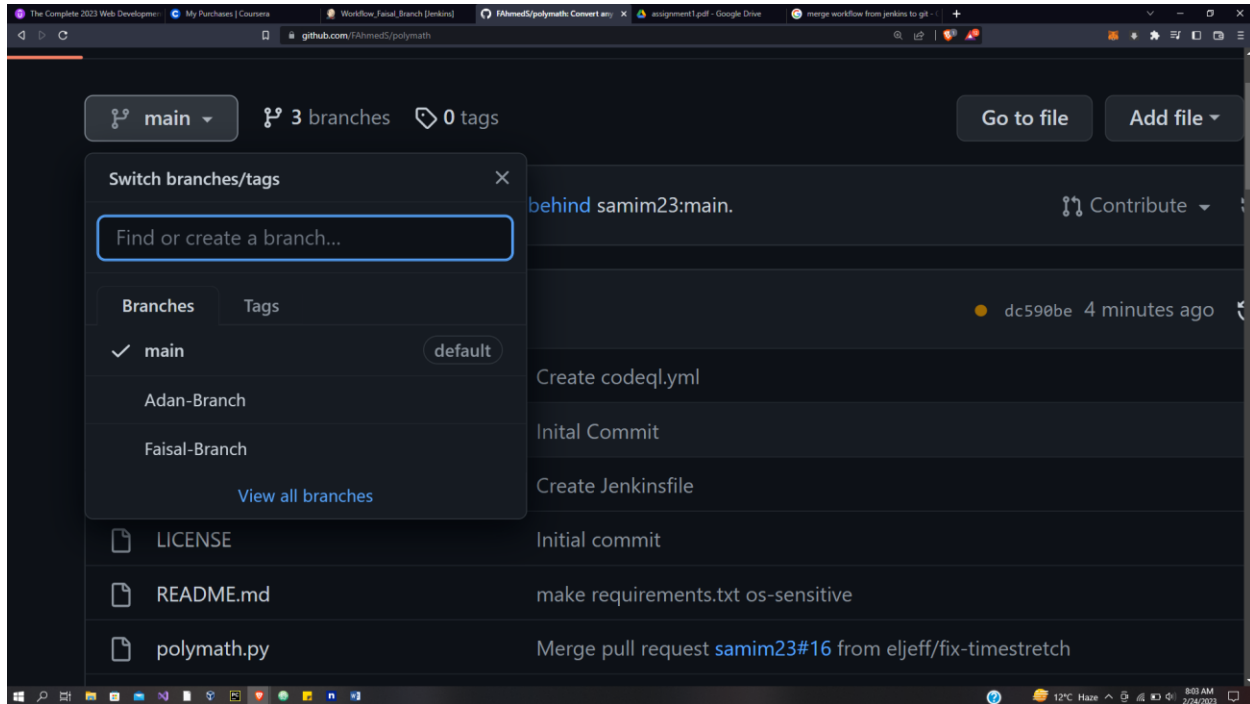
Adan Nazir   19I-1680
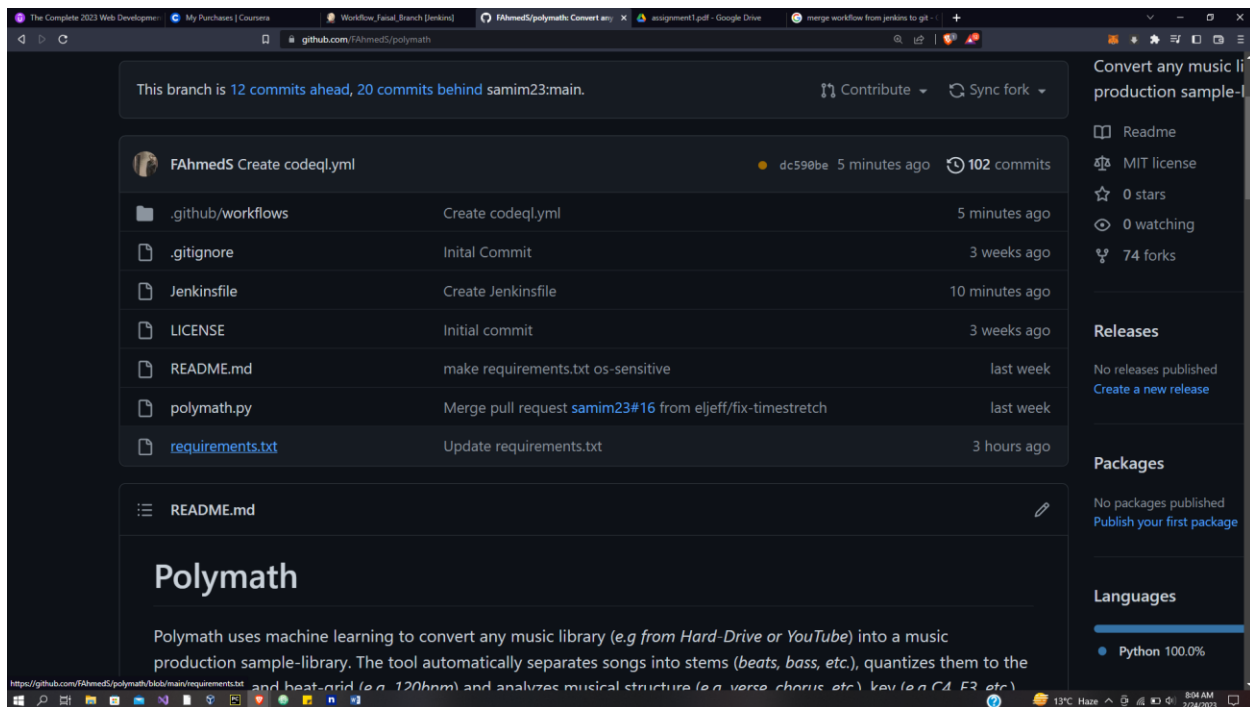
AI-J

Steps:

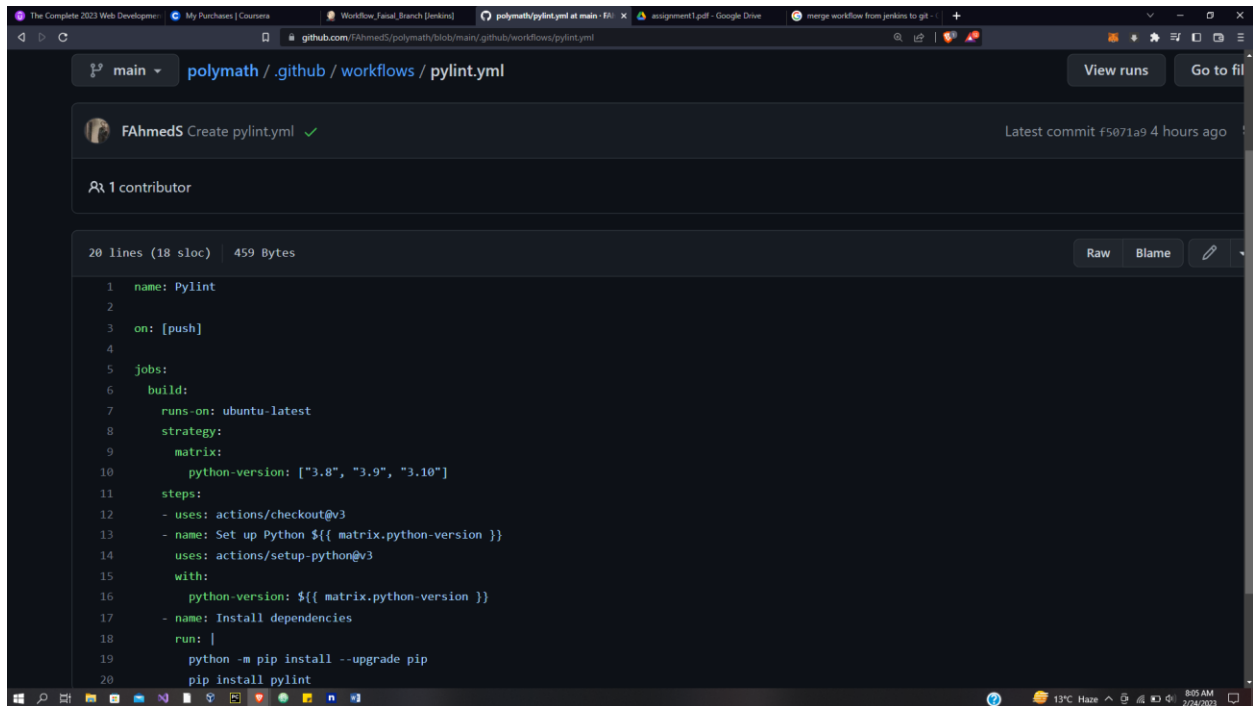1. Github repo which is trending, and does not already have a workflow. Forked it.

2. Make two branches. One member joined as a collaborator.

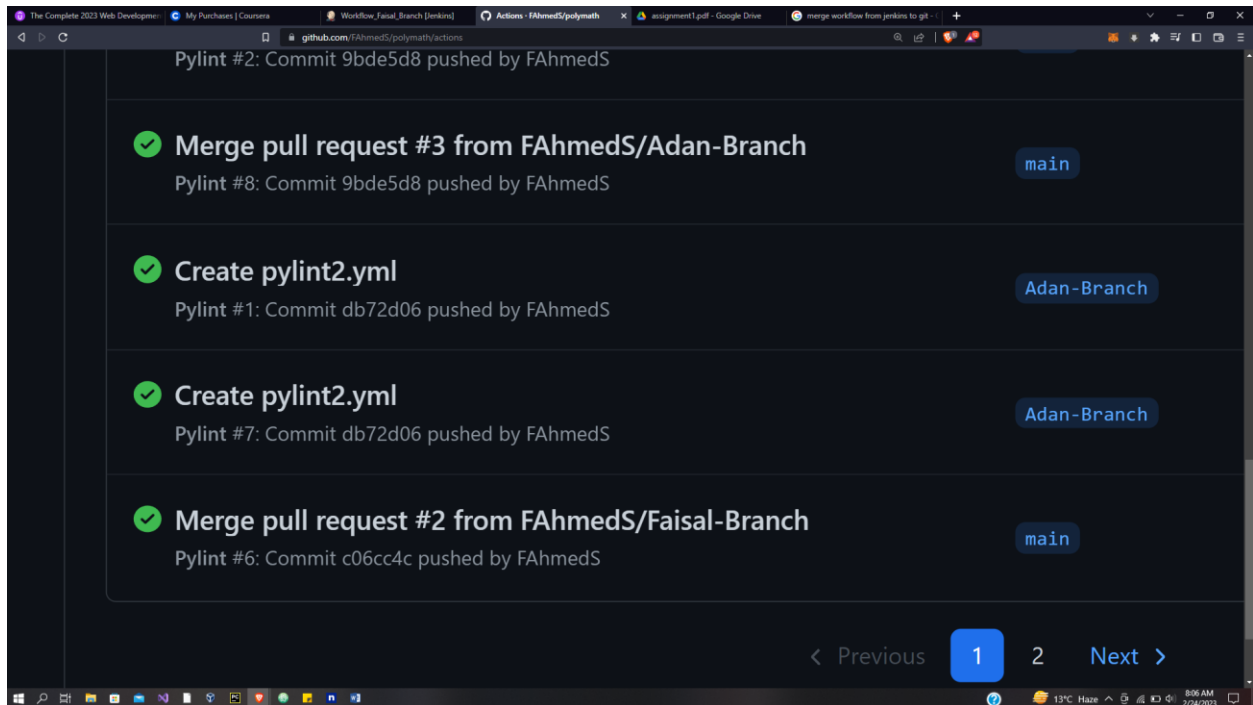3. Created scaffolding named as "requirements.txt".

4. First considered by using Github Actions, as project is in python so two pylink.yml files created for each branch with script.

5.

6. Next, made workflows for each branch with Jenkins (using webhooks), Jenkinfile with workflow created in each branch and configured webhook using ngrok.
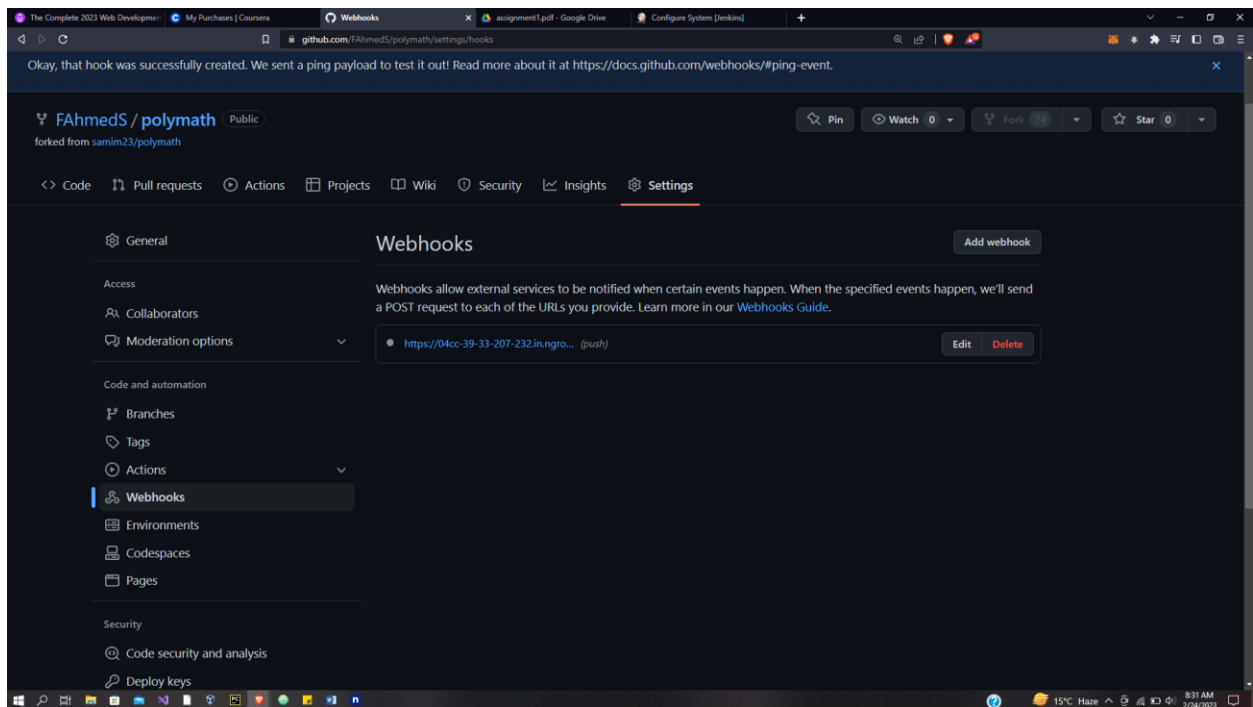

7.

7. Build Successful!

Pipeline Workflow_Faisal_Branch

Creating and executing workflow of branch named Faisal . . .

Edit description

Disable Project

Stage View

	Declarative: Checkout SCM	Faisal Branch Init	Test	Build	Publish	Cleanup
Average stage times: (Average full run time: ~4s)	2s	89ms	82ms	76ms	86ms	84ms
#1 Feb 24 07:32 / No Changes	2s	89ms	82ms	76ms	86ms	84ms

Permalinks

- Last build (#1), 35 min ago
- Last stable build (#1), 35 min ago
- Last successful build (#1), 35 min ago
- Last completed build (#1), 35 min ago

Pipeline Workflow_Adan_Branch

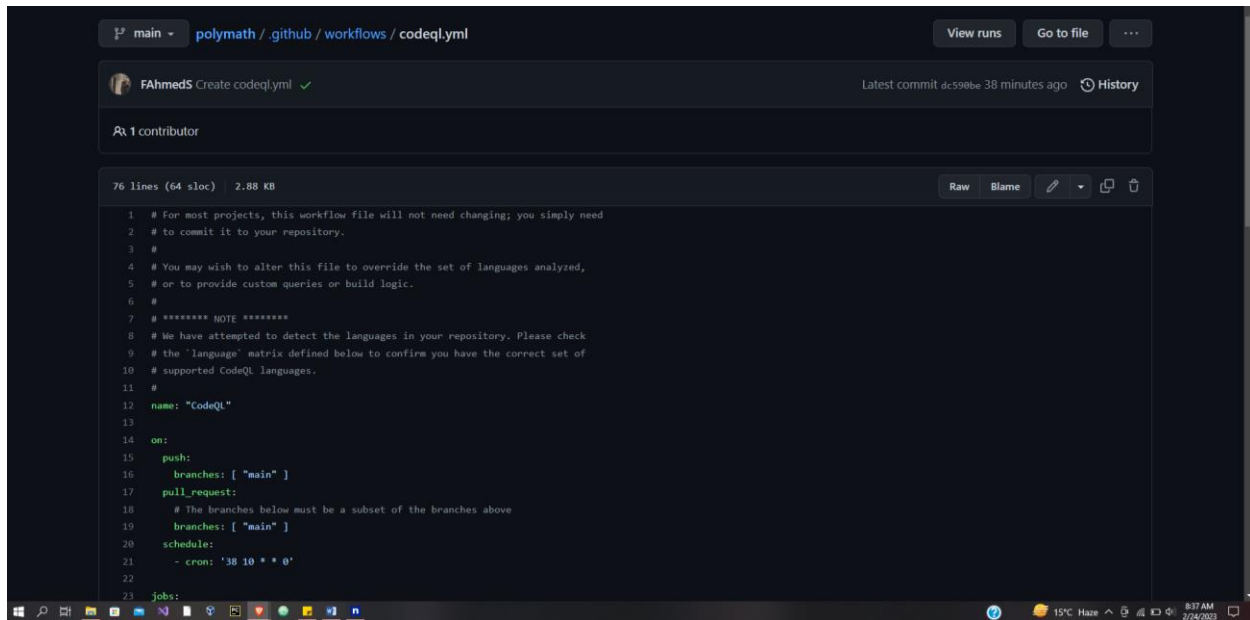Creating and Executing a branch named Adan . . .

Edit description

Disable Project

Stage View

	Declarative: Checkout SCM	Adan Branch Init	Test	Build	Publish	Cleanup
Average stage times: (Average full run time: ~4s)	1s	102ms	85ms	82ms	82ms	79ms
#2 Feb 24 07:44 / No Changes	1s	98ms	77ms	84ms	82ms	79ms
#1 Feb 24 07:30 / No Changes	2s	106ms	94ms	81ms	82ms	79ms

Permalinks

8. Finally, created security checks using CodeQL in main.

9. This report file is uploaded with repo.

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