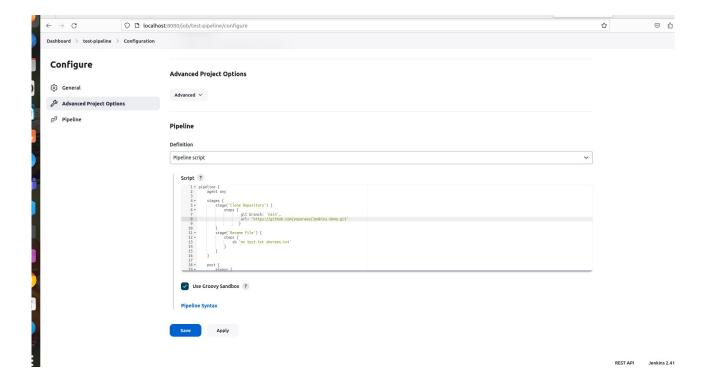Name :shereen makram
lab1 : CI/CD

Task :

1- install jenkin

2- create jenkins "pipeline" which clone this repo https://github.com/yoyoraso/Jenkins-demo/tree/main and rename test.txt file to your name then Configure Post-Build Actions: archiving artifacts the new txt file after rename.

Script file :

```
pipeline {
   agent any

   stages {
      stage('Clone Repository') {
         steps {
             git branch: 'main',
             url: 'https://github.com/yoyoraso/Jenkins-demo.git'
             }
      }
      stage('Rename File') {
         steps {
            sh 'mv test.txt shereen.txt'
         }
      }
   }

   post {
      always {
         archiveArtifacts 'shereen.txt'
      }
   }
}
```

Configure

- General
- **Advanced Project Options**
- Pipeline

Advanced Project Options

Advanced ∨

Pipeline

Definition

Pipeline script ∨

Script ?

```
1   pipeline {
2       agent any
3
4       stages {
5           stage('Clone Repository') {
6               steps {
7                   git branch: 'main',
8                   url: 'https://github.com/yoyoraso/Jenkins-demo.git'
9               }
10          }
11          stage('Rename File') {
12              steps {
13                  sh 'mv test.txt shereen.txt'
14              }
15          }
16      }
17
18      post {
19          always {
```

☑ Use Groovy Sandbox ?

Pipeline Syntax

[Save] [Apply]

REST API   Jenkins 2.41

-Running successfully .

Pipeline test-pipeline

lab1

Last Successful Artifacts
📄 shereen.txt   43 B   view

Stage View

	Clone Repository	Rename File	Declarative: Post Actions
Average stage times: (Average full run time: ~4s)	2s	369ms	105ms
#15 Sep 21 16:03 No Changes	813ms	355ms	92ms
#14 Sep 21 15:57 No Changes	4s	383ms	118ms
#13 Sep 21 15:53 No Changes			
#12 Sep 21 15:53 No Changes			
#11 Sep 21 15:53 No Changes			

Build History   trend ∨

✓ #15	Sep 21, 2023, 4:03 PM
✓ #14	Sep 21, 2023, 3:57 PM
✗ #13	Sep 21, 2023, 3:53 PM
✗ #12	Sep 21, 2023, 3:53 PM
✗ #11	Sep 21, 2023, 3:53 PM
✗ #10	Sep 21, 2023, 3:53 PM
✗ #9	Sep 21, 2023, 3:53 PM
✗ #8	Sep 21, 2023, 3:53 PM
✗ #7	Sep 21, 2023, 3:53 PM
✓ #6	Sep 21, 2023, 3:53 PM