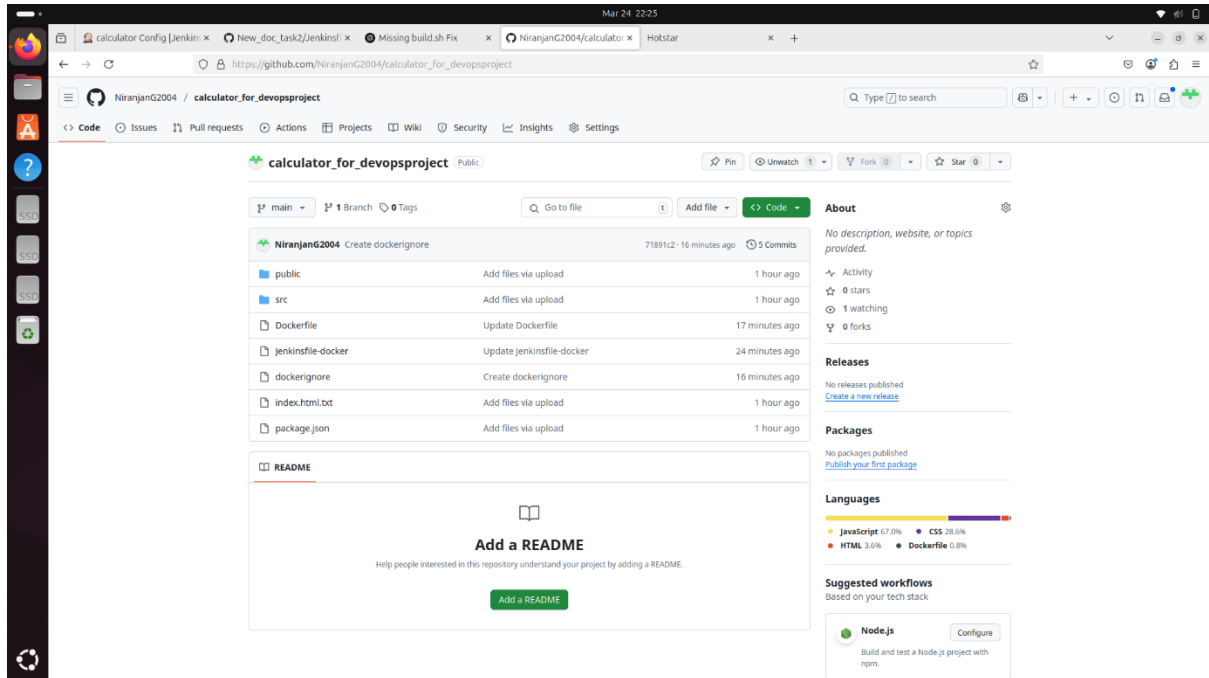


# DEVOPS PROJECT

## CALCULATOR

Push project files into a repo:



### Pipeline Script :

```
pipeline {
  agent any

  environment {
    IMAGE_NAME = "niranjan1614/devops" // Replace with your Docker Hub username
    and image name
    TAG = "latest"
    CONTAINER_NAME = "my-container"
    PORT = "3006"
  }

  stages {

    stage('Clone Repository') {
      steps {
        echo "Cloning GitHub repository..."
        git branch: 'main', url:
'https://github.com/NiranjanG2004/calculator\_for\_devopsproject.git' // Replace with your
repo URL
      }
    }
  }
}
```

```

    }
}

stage('Build Docker Image') {
    steps {
        echo "Building Docker image..."
        sh '''
            docker build -t $IMAGE_NAME:$TAG .
        '''
    }
}

stage('Login to Docker Hub') {
    steps {
        echo "Logging into Docker Hub..."
        withCredentials([usernamePassword(credentialsId: 'aca910be-02cb-4176-967c-ead95905b076', usernameVariable: 'DOCKER_USER', passwordVariable: 'DOCKER_PASS')]) {
            sh '''
                docker login -u $DOCKER_USER -p $DOCKER_PASS
            '''
        }
    }
}

stage('Push Docker Image') {
    steps {
        echo "Pushing Docker image to Docker Hub..."
        sh '''
            docker tag $IMAGE_NAME:$TAG $IMAGE_NAME:$TAG
            docker push $IMAGE_NAME:$TAG
        '''
    }
}

stage('Deploy Docker Container') {
    steps {
        echo "Deploying Docker container..."
        sh '''
            docker stop $CONTAINER_NAME || true
            docker rm $CONTAINER_NAME || true
            docker run -d --name $CONTAINER_NAME -p $PORT:3000 $IMAGE_NAME:$TAG
        '''
    }
}

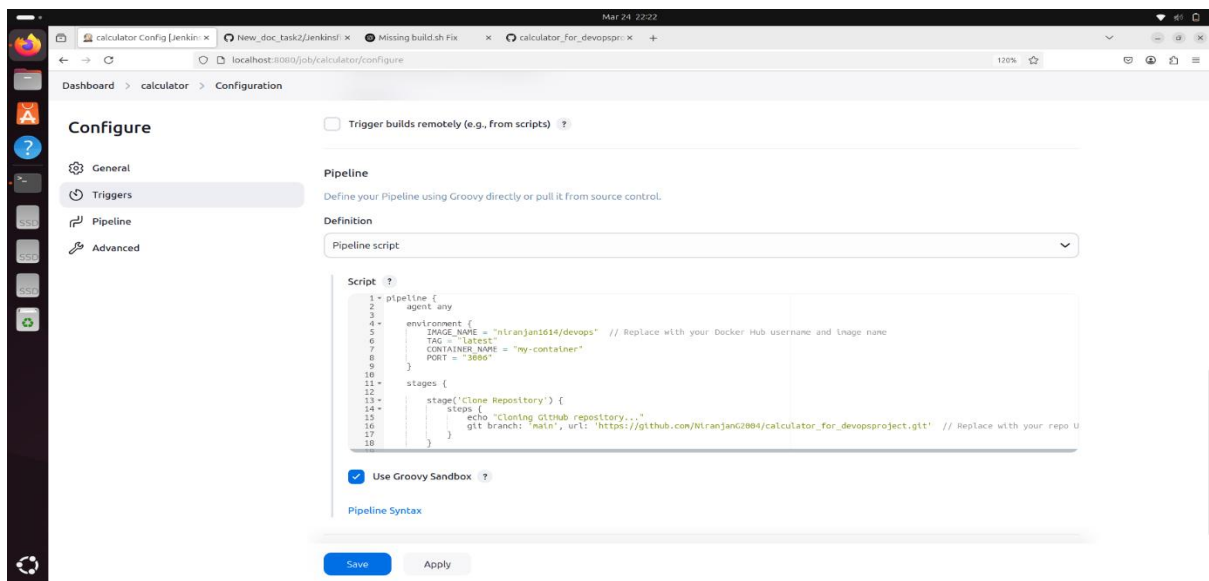
```

```

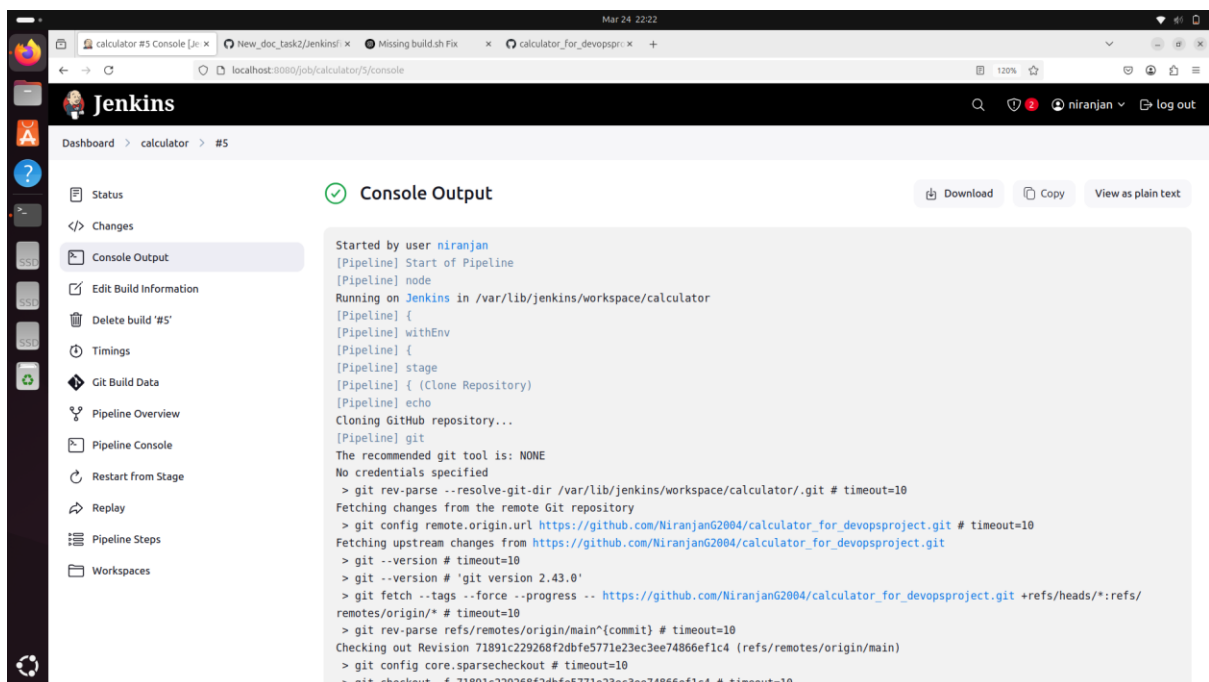
}

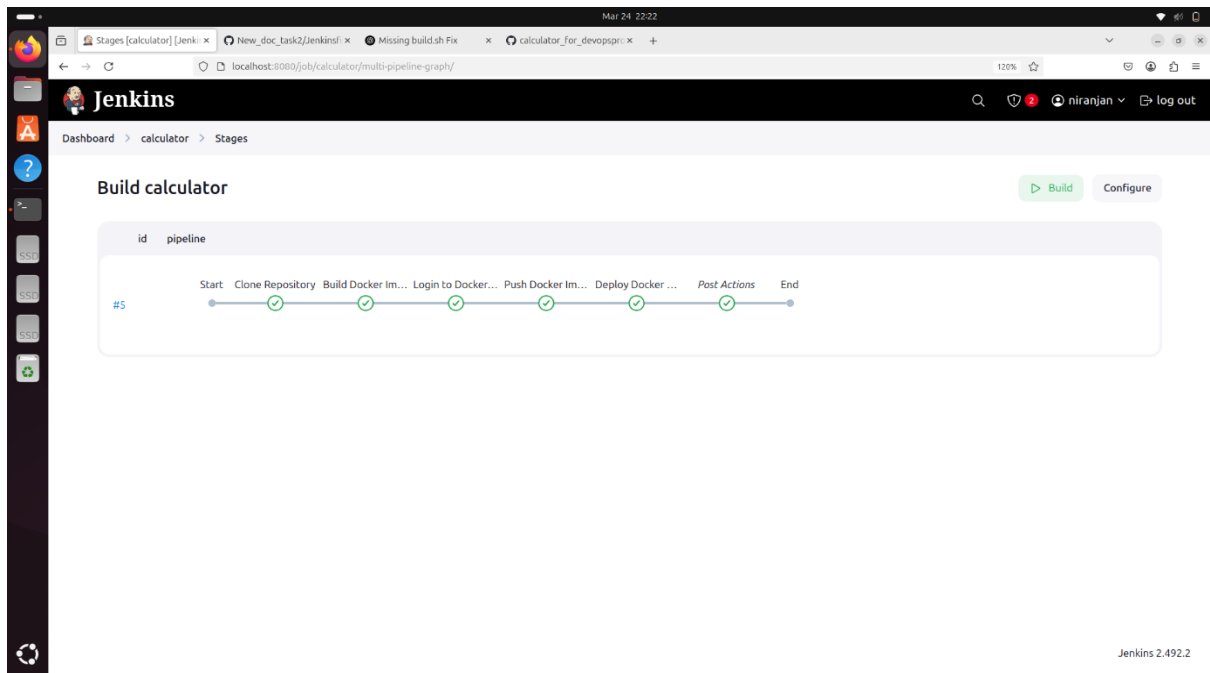
post {
    success {
        echo "Deployment Successful!"
    }
    failure {
        echo "Deployment Failed!"
    }
}
}

```



## Console:





## Localhost:

