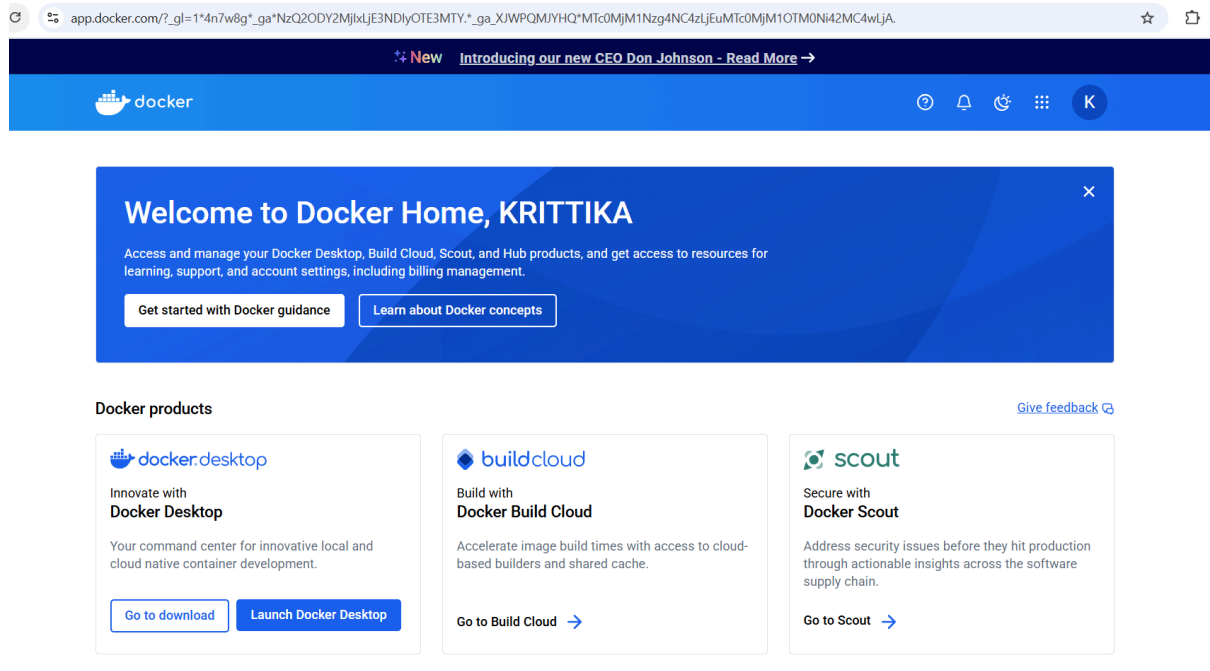


DAY 2



2.PIPELINE SCRIPT:

```
pipeline {
  agent any
  tools {
    jdk 'jdk17'
    nodejs 'node20'
  }
  stages {
    stage('Clean Workspace') {
      steps {
        script {
          echo "Cleaning workspace..."
          deleteDir() // Deletes everything in the Jenkins workspace before starting
        }
      }
    }
  }

  stage('Git Checkout') {
    steps {
      script {
        git branch: 'main',
        credentialsId: 'github_secured',
        url: 'https://github.com/krittika575/Devops.git'
      }
    }
  }
}
```

```

    }
  }
  stage('Install Node') {
    steps {
      script {
        sh '''
        if [ -f package.json ]; then
          echo "package.json found. Running npm install..."
          npm install
        else
          echo "ERROR: package.json is missing. Skipping npm install."
          exit 1
        fi
        '''
      }
    }
  }
  stage('Docker Build & Push') {
    steps {
      script {
        withDockerRegistry(credentialsId: 'docker', toolName: 'docker') {
          def imageName = "krittika5/sample"
          def tag = "latest"

          sh "docker build -t ${imageName} ."
          sh "docker tag ${imageName} ${imageName}:${tag}"
          sh "docker push ${imageName}:${tag}"
        }
      }
    }
  }
  stage('Deploy Docker Container') {
    steps {
      script {
        // Stop and remove the existing container if it's running
        sh "docker stop jusjes_container || true"
        sh "docker rm jusjes_container || true"

        // Run the new container
        sh "docker run -d --name jusjes_container -p 3001:3000 krittika5/sample:latest"
      }
    }
  }
}
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

```

3. TOOLS CONFIG:

Java

Nodejs

Docker

4.Plugins:

Nodejs

Docker related(except build)

Eclipse

Pipeline

5.credentials:

Github&docker

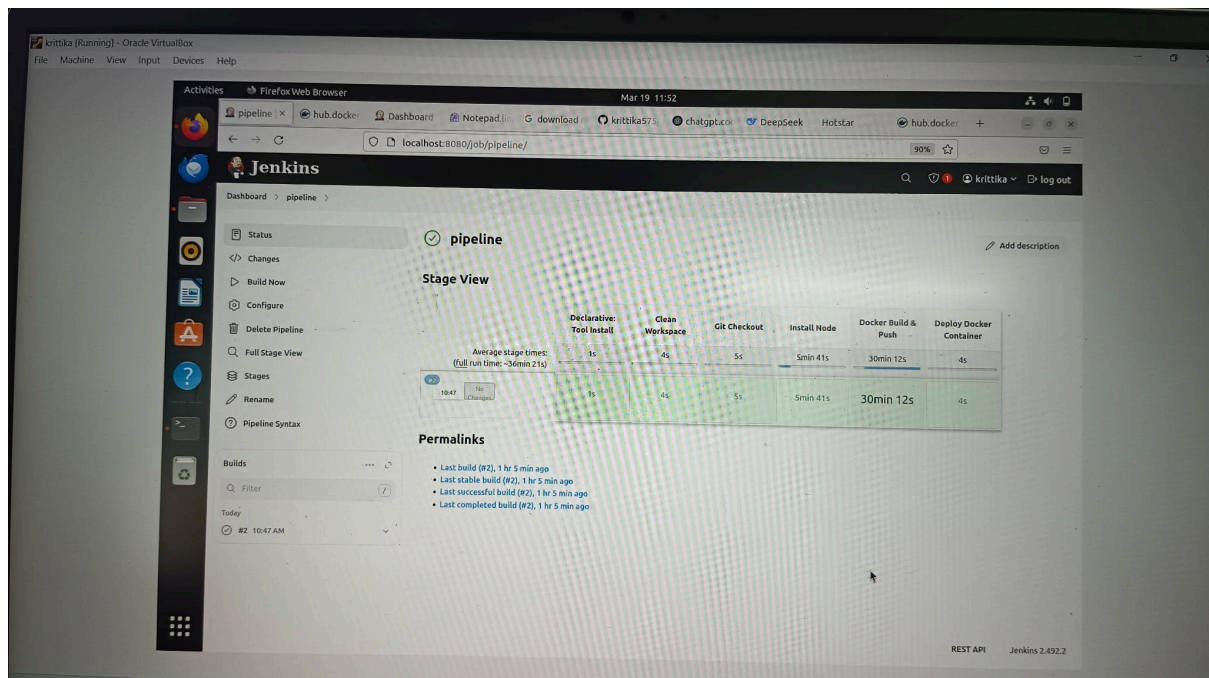
For docker build &deploy

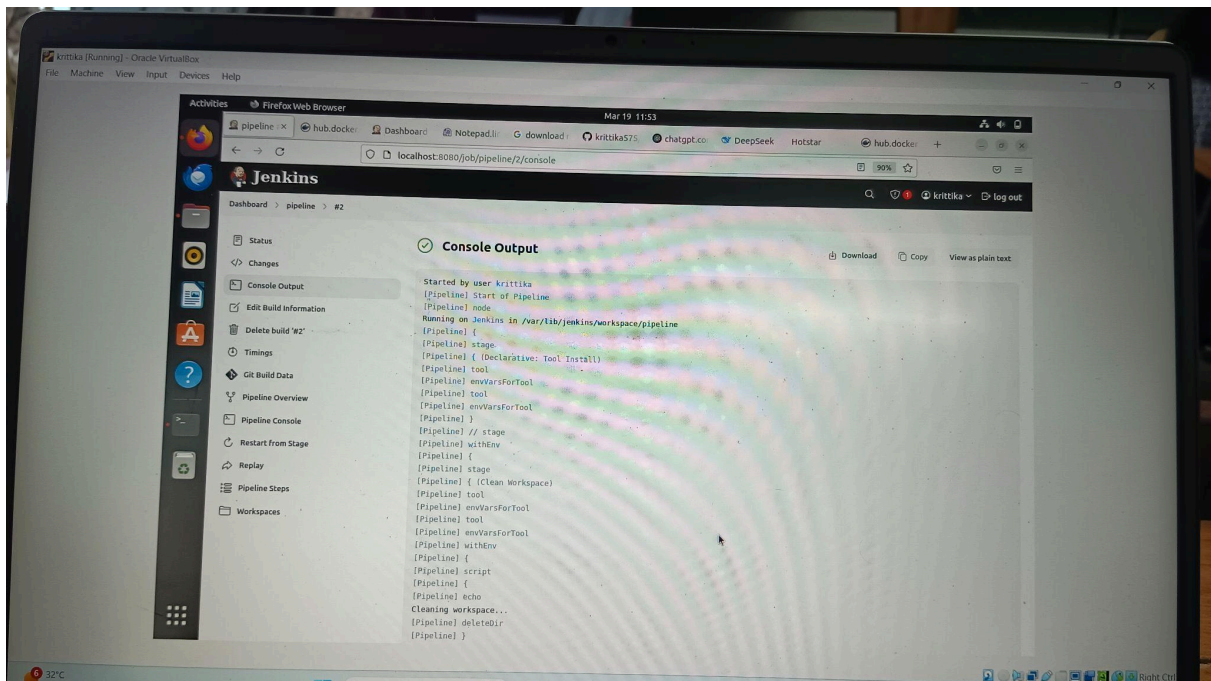
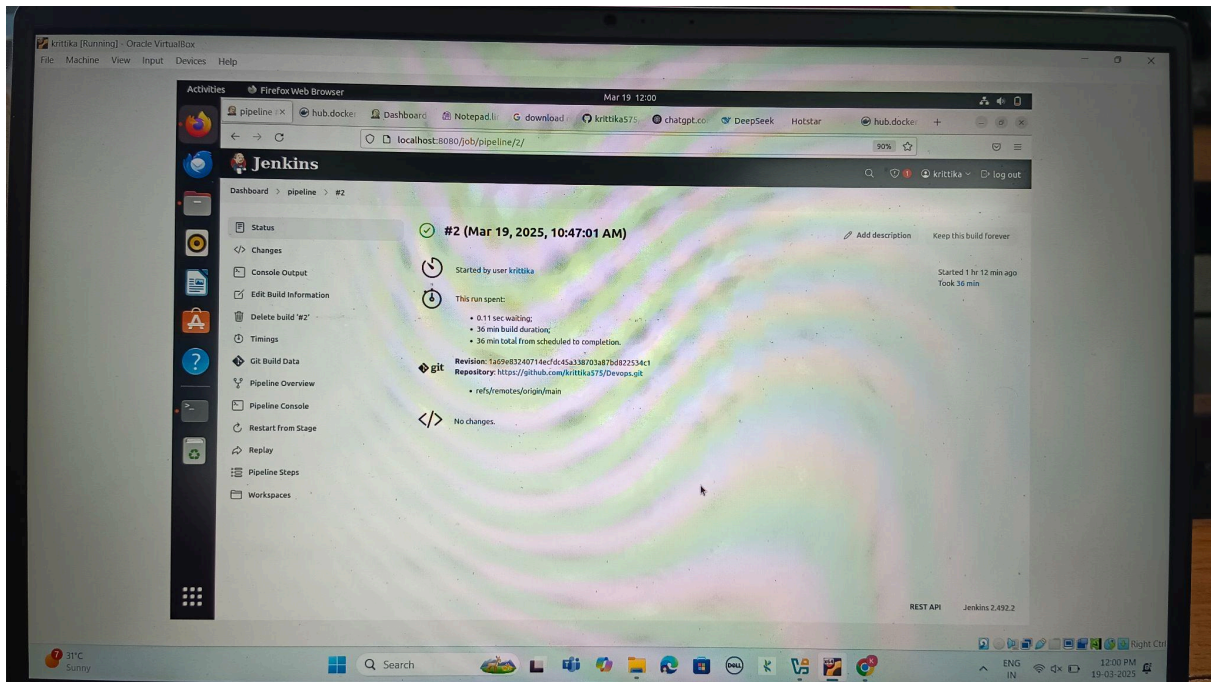
Sudo usemod -aG docker Jenkins

Sudo chmod 666 /var/run/docker.sock

Sudo systemctl restart Jenkins

Sudo systemctl status Jenkins





localhost:3001

