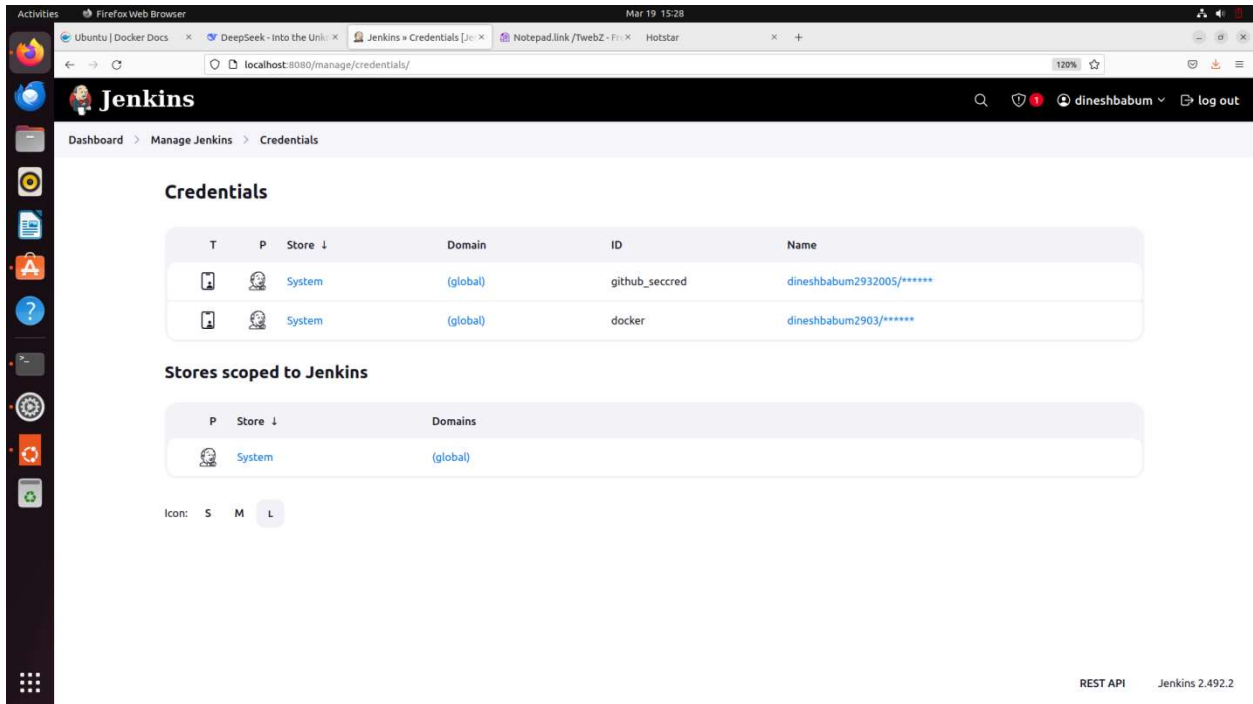


## TASK-2:



The screenshot shows the Jenkins web interface in a Firefox browser. The address bar indicates the URL is `localhost:8080/manage/credentials/`. The page title is "Jenkins" and the user is logged in as "dineshbabum". The breadcrumb navigation shows "Dashboard > Manage Jenkins > Credentials".

### Credentials

T	P	Store ↓	Domain	ID	Name
		System	(global)	github_secured	dineshbabum2932005/*****
		System	(global)	docker	dineshbabum2903/*****

### Stores scoped to Jenkins

P	Store ↓	Domains
	System	(global)

Icon: S M L

REST API Jenkins 2.492.2

```
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_seccred',
            url: 'https://github.com/dineshbabum2932005/task2\_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 = "dineshbabum2903/devops"
                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 {

```

The screenshot displays the Jenkins web interface in a Firefox browser window. The address bar shows the URL `localhost:8080/job/task-2/`. The Jenkins logo and navigation menu are visible on the left. The main content area shows the configuration for the 'task 2' job, which is currently in a 'Failed' state, indicated by a red 'X' icon. The 'Stage View' section shows a table of build stages and their durations. The 'Builds' section on the left lists recent builds, including build #11 (successful) and build #10 (failed). The 'Permalinks' section at the bottom provides links to specific build details.

**Jenkins**

Dashboard > task 2

**task 2** ✖ Add description

**Stage View**

	Declarative: Tool Install	Clean Workspace	Git Checkout	Install Node	Docker Build & Push	Deploy Docker Container
Average stage times: (full run time: ~45min 25s)	1s	6s	6s	24min 42s	10min 43s	3s
#11 14:11 No Changes	2s	7s	9s	12min 44s	31min 54s	8s
#10 12:54 No Changes	900ms	5s	6s	57min 42s	4s <span>failed</span>	351ms <span>failed</span>
#9 12:48 No Changes	919ms	5s	4s	3min 40s	10s <span>failed</span>	1s <span>failed</span>

**Builds**

Filter

Today

- #11 2:11 PM
- #10 12:54 PM

**Permalinks**

- Last build (#10), 1 hr 17 min ago
- Last failed build (#10), 1 hr 17 min ago
- Last unsuccessful build (#10), 1 hr 17 min ago
- Last completed build (#10), 1 hr 17 min ago

