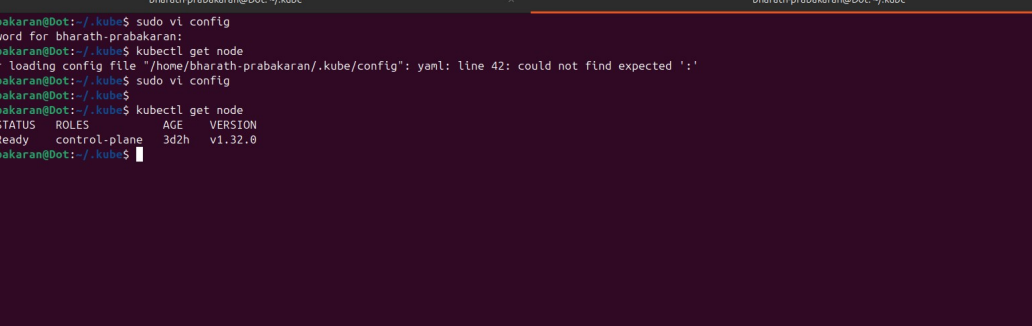


Final Project

Day 6 Task : Final Java Project Minikube Deployment

Minikube Output Images:

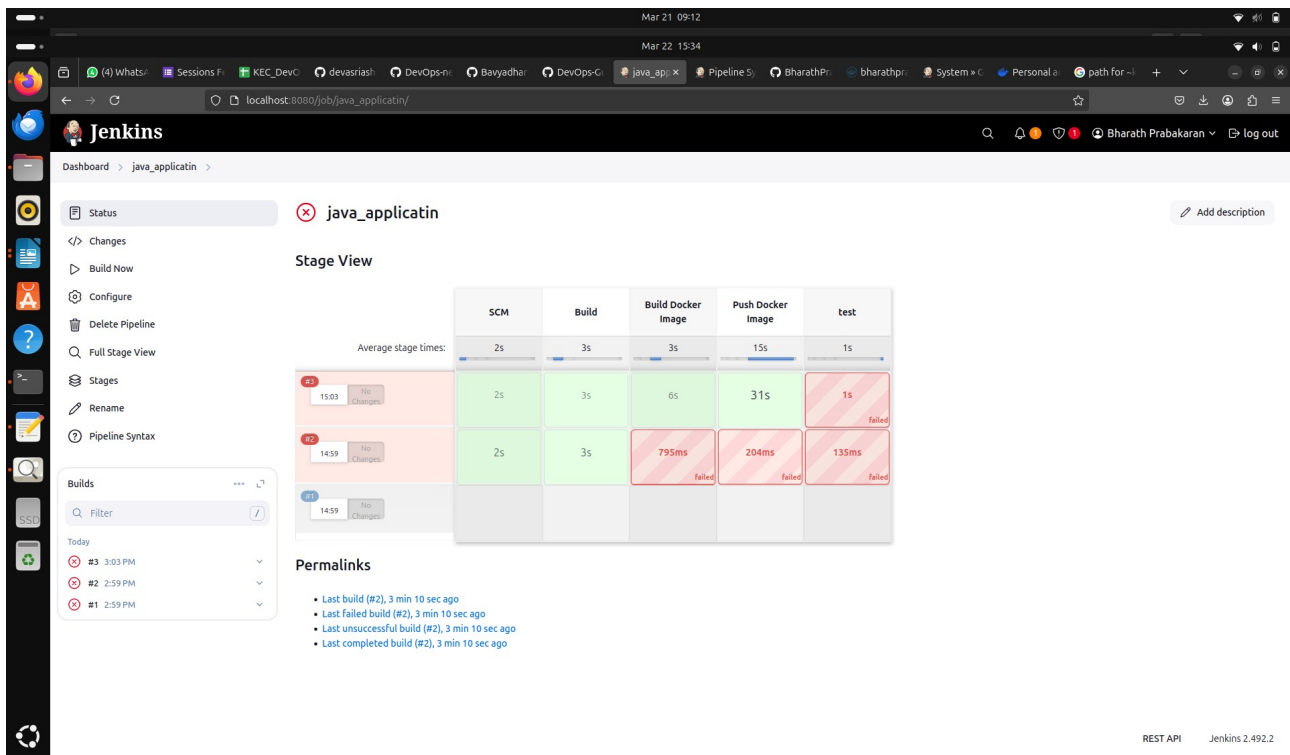


The screenshot shows a terminal window with the following content:

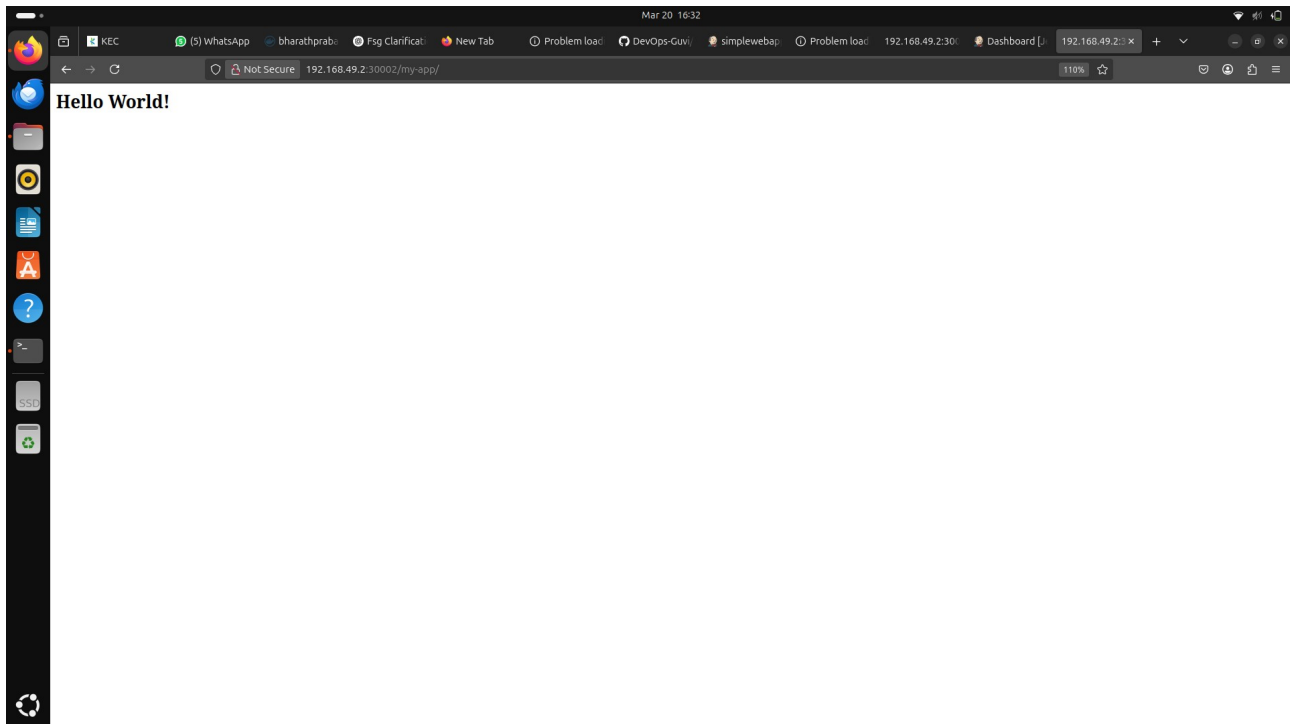
```
bharath-prabakaran@Dot: ~/.kube$ sudo vi config
[sudo] password for bharath-prabakaran:
bharath-prabakaran@Dot: ~/.kube$ kubectl get node
error: error loading config file "/home/bharath-prabakaran/.kube/config": yaml: line 42: could not find expected ':'
bharath-prabakaran@Dot: ~/.kube$ sudo vi config
bharath-prabakaran@Dot: ~/.kube$ kubectl get node
NAME          STATUS    ROLES    AGE   VERSION
minikube      Ready     control-plane  3d2h  v1.32.0
bharath-prabakaran@Dot: ~/.kube$
```

The terminal window has a title bar with the text "bharath-prabakaran@Dot: ~/.kube". The left sidebar of the terminal window shows various application icons, including a web browser, a file manager, and a terminal icon. The top of the window shows the system date and time as "Mar 22 14:38".

The image shows a terminal window with a dark background and light-colored text. The title bar at the top reads 'bharath-prabakaran@Dot: ~/kube' and includes a date and time 'Mar 22 14:30'. The terminal content shows the output of a command to create a Kubernetes profile for minikube. It starts with a long RSA private key, followed by the creation of the profile 'bharath-prabakaran' for minikube. The profile is created successfully, and the terminal shows the command to start minikube. The output of the minikube command is also visible, showing the version and the fact that it is already running. The terminal window has a sidebar on the left with various icons, and the main area shows the command prompt and the output of the commands.



```
bharath-prabakaran@Dot:~$ sudo nano deploy.yml
bharath-prabakaran@Dot:~$ minikube service my-service
-----
| NAMESPACE | NAME      | TARGET PORT | URL                |
|-----|-----|-----|-----|
| default   | my-service | 9000        | http://192.168.49.2:30002 |
|-----|-----|-----|-----|
🔗 Opening service default/my-service in default browser...
bharath-prabakaran@Dot:~$ Gtk-Message: 16:30:10.682: Not loading module "atk-bridge": The functionality is provided by GTK natively. Please try to not load it.
^C
```



Deploy.yml

```
apiVersion: apps/v1
kind: Deployment
metadata:
  name: my-deploy
  labels:
    name: my-deploy
spec:
  replicas: 1
  selector:
    matchLabels:
      apptype: web-backend
  strategy:
    type: RollingUpdate
  template:
    metadata:
      labels:
        apptype: web-backend
    spec:
      containers:
        - name: my-app
```

```
image: bharathprabakaran/simplewebapp:latest
ports:
- containerPort: 9000
```

```
apiVersion: v1
kind: Service
metadata:
  name: my-service
  labels:
    app: my-service
spec:
  type: NodePort
  ports:
  - port: 9000
    targetPort: 8080
    nodePort: 30002
  selector:
    apptype: web-backend
```