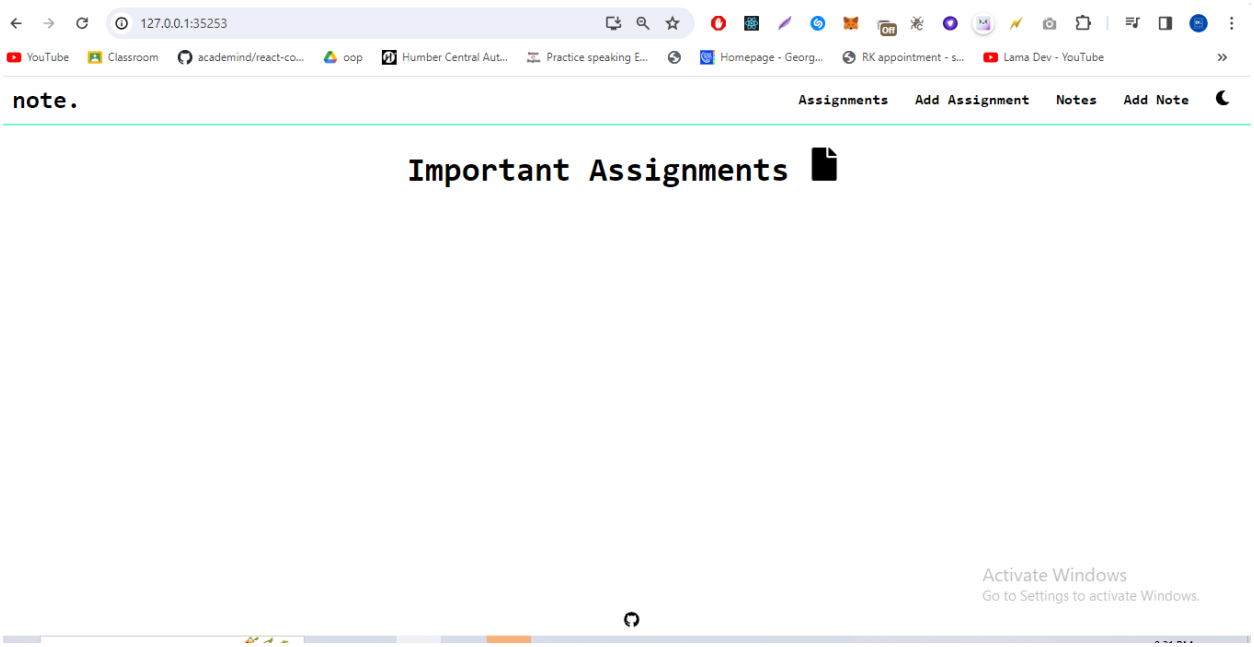
FRONT END APPLICATION DEMO:

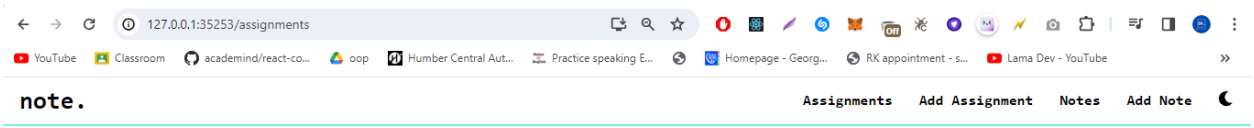
```
shehrozwaseem@DESKTOP-7BRNBJJ:/mnt/c/Users/shehr/OneDrive/Desktop/BCVD 4032/lab3/application-demo$ kubectl get pods
NAME                                    READY   STATUS    RESTARTS   AGE
mongo-express-deployment-b88f6d45f-95688   1/1     Running   0          52m
mongodb-stateful-set-0                  1/1     Running   0          63m
mongodb-stateful-set-1                  1/1     Running   0          61m
note-deployment-74cc946cd8-nwvcs        1/1     Running   0          78s
note-deployment-74cc946cd8-xxs69        1/1     Running   0          78s
note-server-deployment-6fb5fcb67f-9j4tb    1/1     Running   0          10m
note-server-deployment-6fb5fcb67f-nkv6h    1/1     Running   0          10m
```

```
shehrozwaseem@DESKTOP-7BRNBJJ:/mnt/c/Users/shehr/OneDrive/Desktop/BCVD 4032/lab3/application-demo$ kubectl get deploymen
ts
NAME                     READY   UP-TO-DATE   AVAILABLE   AGE
mongo-express-deployment   1/1     1            1           67m
note-deployment            2/2     2            2           15m
note-server-deployment     2/2     2            2           24m
```

```
shehrozwaseem@DESKTOP-7BRNBJJ:/mnt/c/Users/shehr/OneDrive/Desktop/BCVD 4032/lab3/application-demo$ kubectl get services
NAME                  TYPE        CLUSTER-IP       EXTERNAL-IP   PORT(S)          AGE
kubernetes            ClusterIP   10.96.0.1        <none>        443/TCP          102m
mongo-express-service   NodePort    10.105.162.127   <none>        8081:31267/TCP   63m
mongodb-service       ClusterIP   10.109.45.25     <none>        27017/TCP        68m
note-server-service   ClusterIP   10.98.169.26     <none>        5000/TCP         18m
note-service          NodePort    10.101.202.89    <none>        3000:31945/TCP   14m
```

```
shehrozwaseem@DESKTOP-7BRNBJJ:/mnt/c/Users/shehr/OneDrive/Desktop/BCVD 4032/lab3/application-demo$ minikube service note-service
|-----------|--------------|-------------|---------------------------|
| NAMESPACE |     NAME     | TARGET PORT |            URL            |
|-----------|--------------|-------------|---------------------------|
| default   | note-service |        3000 | http://192.168.49.2:31945 |
|-----------|--------------|-------------|---------------------------|
🏃  Starting tunnel for service note-service.
|-----------|--------------|-------------|------------------------|
| NAMESPACE |     NAME     | TARGET PORT |          URL           |
|-----------|--------------|-------------|------------------------|
| default   | note-service |             | http://127.0.0.1:35253 |
|-----------|--------------|-------------|------------------------|
🏃  Opening service default/note-service in default browser...
🏃  http://127.0.0.1:35253
🏃  Because you are using a Docker driver on linux, the terminal needs to be open to run it.
```





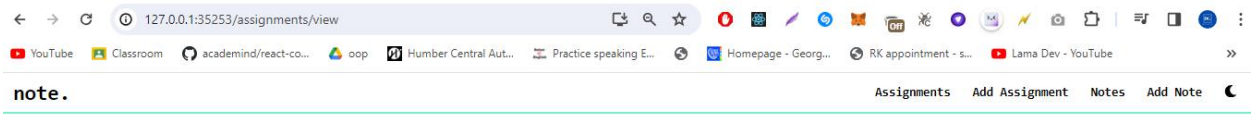
Search Assignments

Name:

shehroz

Search

shehroz - 101501973



shehroz - 101501973

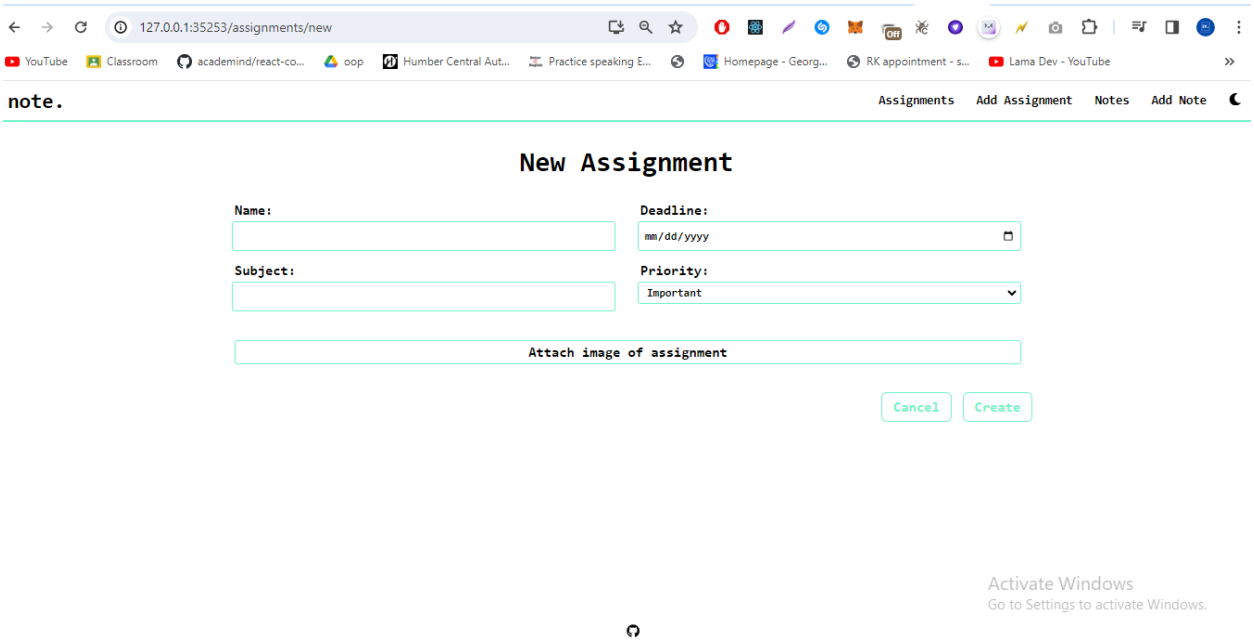
```yaml
apiVersion: v1
kind: Secret
metadata:
  name: mongo-secret
type: Opaque
data:
  mongo-user: bW9uZ291c2Vy
  mongo-password: bW9uZ29wYXNzd29yZA==
```

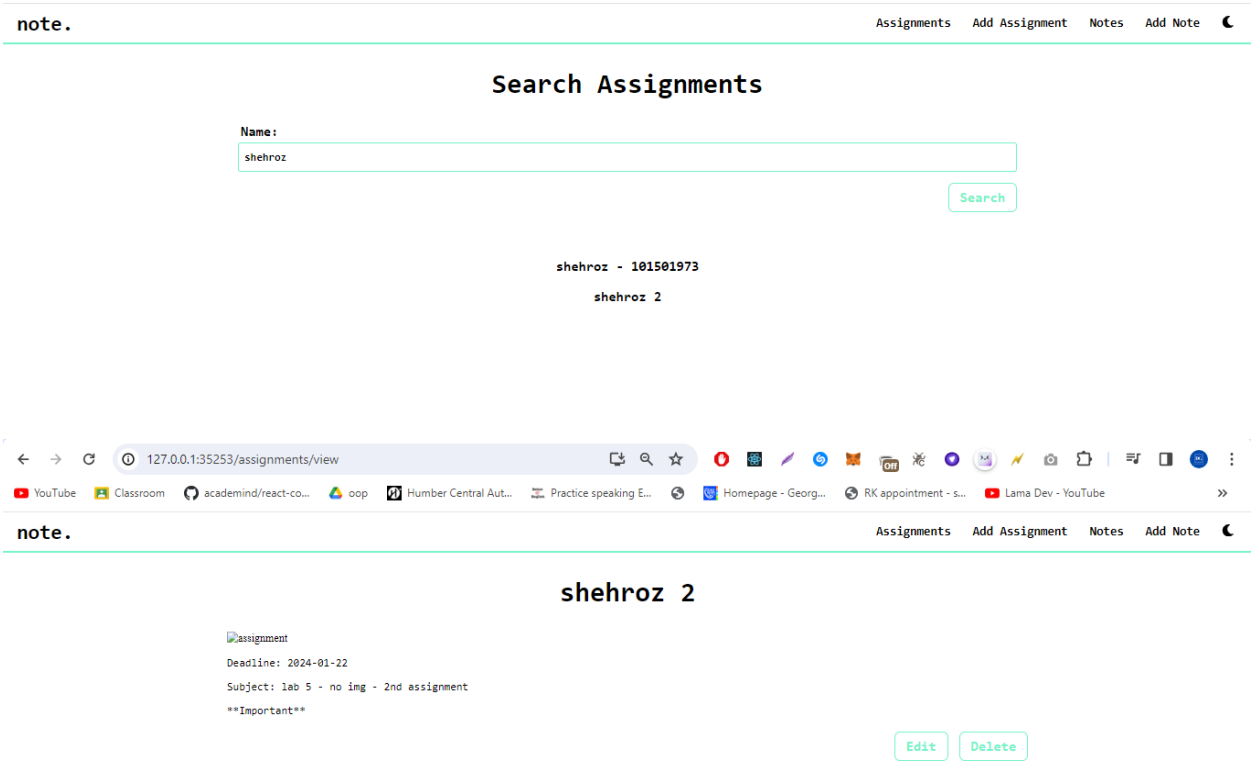
Deadline: 2024-01-21

Subject: lab 3

Important

Activate Windows
Go to Settings to activate Windows.

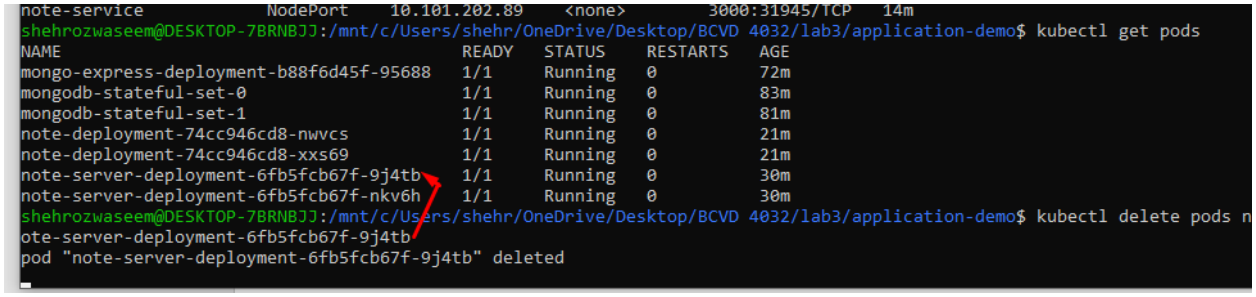
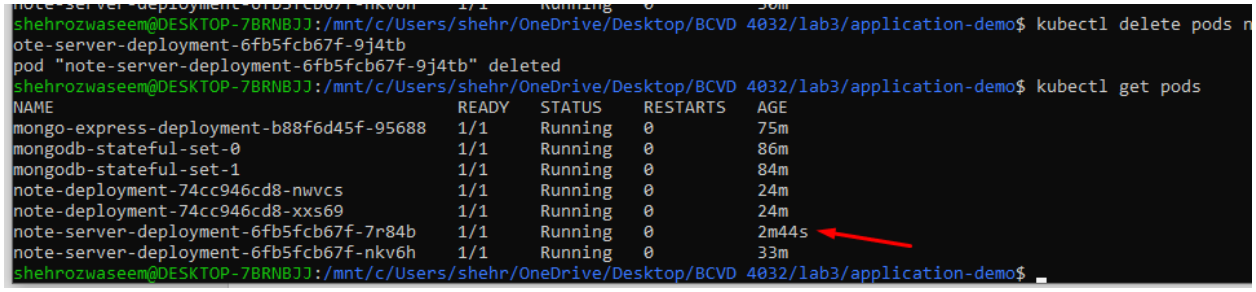

127.0.0.1:35253/assignments/new
YouTube
Classroom
academind/react-co...
oop
Humber Central Aut...
Practice speaking E...
Homepage - Georg...
RK appointment - s...
Lama Dev - YouTube
note.
Assignments
Add Assignment
Notes
Add Note
New Assignment
Name:
Deadline:
mm/dd/yyyy
Subject:
Priority:
Important
Attach image of assignment
Cancel
Create
Activate Windows
Go to Settings to activate Windows.


note.
Assignments
Add Assignment
Notes
Add Note
Search Assignments
Name:
shehroz
Search
shehroz - 101501973
shehroz 2

127.0.0.1:35253/assignments/view
YouTube
Classroom
academind/react-co...
oop
Humber Central Aut...
Practice speaking E...
Homepage - Georg...
RK appointment - s...
Lama Dev - YouTube
note.
Assignments
Add Assignment
Notes
Add Note
shehroz 2
assignment
Deadline: 2024-01-22
Subject: lab 5 - no img - 2nd assignment
Important
Edit
Delete

TASK - ANALYSIS:

- the delete process took a bit time as compared to the regular deletion process:



- it recreated another port