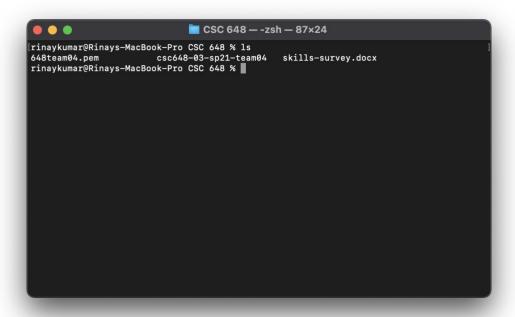
1. cd into folder containing 648team04.pem file



2. Set permissions for pem file (if on Mac/Linux)

sudo chmod 400 648team04.pem

```
CSC 648 — -zsh — 87x24

[rinaykumar@Rinays-MacBook-Pro CSC 648 % ls
648team04.pem csc648-03-sp21-team04 skills-survey.docx
[rinaykumar@Rinays-MacBook-Pro CSC 648 % sudo chmod 400 648team04.pem ]
[Password: rinaykumar@Rinays-MacBook-Pro CSC 648 % ]
```

3. Connect to instance with SSH. IP for EC2 is 54.219.159.229

ssh -i 648team04.pem ubuntu@54.219.159.229

```
CSC 648 — -zsh — 87×24

[rinaykumar@Rinays-MacBook-Pro CSC 648 % 1s
648team04.pem csc648-03-sp21-team04 skills-survey.docx
[rinaykumar@Rinays-MacBook-Pro CSC 648 % sudo chmod 400 648team04.pem
[Password:
rinaykumar@Rinays-MacBook-Pro CSC 648 % ssh -i 648team04.pem ubuntu@54.219.159.229
```

4. You're now connected to the instance

```
System load: 0.0 Processes: 101
Usage of /: 29.8% of 7.69GB Users logged in: 0
Memory usage: 47% IP address for eth0: 172.31.10.20
Swap usage: 0%

* Introducing self-healing high availability clusters in MicroK8s.
Simple, hardened, Kubernetes for production, from RaspberryPi to DC.
https://microK8s.io/high-availability

* Canonical Livepatch is available for installation.
- Reduce system reboots and improve kernel security. Activate at: https://ubuntu.com/livepatch

0 packages can be updated.
0 of these updates are security updates.

Failed to connect to https://changelogs.ubuntu.com/meta-release-lts. Check your Internet connection or proxy settings

Last login: Sun Feb 14 08:00:52 2021 from 73.90.97.243
ubuntu@ip-172-31-10-20:-$
```

5. Is to see application folder

```
🧕 🔵 🌘 🚞 CSC 648 — ubuntu@ip-172-31-10-20: ~ — ssh -i 648team04.pem ubuntu@54.21...
  Usage of /: 29.8% of 7.69GB Users logged in:
  Memory usage: 47%
                                      IP address for eth0: 172.31.10.20
  Swap usage:
 * Introducing self-healing high availability clusters in MicroK8s.
Simple, hardened, Kubernetes for production, from RaspberryPi to DC.
     https://microk8s.io/high-availability
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    Reduce system reboots and improve kernel security. Activate at:
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Failed to connect to https://changelogs.ubuntu.com/meta-release-lts. Check your Interne
t connection or proxy settings
Last login: Sun Feb 14 08:00:52 2021 from 73.90.97.243
[ubuntu@ip-172-31-10-20:~$ ls
ubuntu@ip-172-31-10-20:-$
```

6. Login to mysql server. Username is **root**, password is **CSC648team042021** sudo mysql -u root -p

```
CSC 648 — ubuntu@ip-172-31-10-20: ~ — ssh -i 648team04.pem ubuntu@54.21...
  Usage of /: 29.8% of 7.69GB Users logged in:
  Memory usage: 47%
                                  IP address for eth0: 172.31.10.20
  Swap usage: 0%
 * Introducing self-healing high availability clusters in MicroK8s.
   Simple, hardened, Kubernetes for production, from RaspberryPi to DC.
     https://microk8s.io/high-availability
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0 packages can be updated.
0 of these updates are security updates.
Failed to connect to https://changelogs.ubuntu.com/meta-release-lts. Check your Interne
t connection or proxy settings
Last login: Sun Feb 14 08:00:52 2021 from 73.90.97.243
[ubuntu@ip-172-31-10-20:~$ ls
ubuntu@ip-172-31-10-20:~$ sudo mysql -u root -p
```

7. You're now in the mysql server

```
0 of these updates are security updates.
Failed to connect to https://changelogs.ubuntu.com/meta-release-lts. Check your Interne
t connection or proxy settings
Last login: Sun Feb 14 08:00:52 2021 from 73.90.97.243
[ubuntu@ip-172-31-10-20:~$ ls
ubuntu@ip-172-31-10-20:-$ sudo mysql -u root -p
Enter password:
Welcome to the MySQL monitor. Commands end with ; or \gray{g}.
Your MySQL connection id is 13
Server version: 5.7.33-0ubuntu0.18.04.1 (Ubuntu)
Copyright (c) 2000, 2021, Oracle and/or its affiliates.
Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
mysql> [
```

8. See the mysql databases with SHOW DATABASES;

9. Exit the mysql server with **EXIT** and close the terminal to disconnect from the EC2 instance.