How to SSH into the AWS Instance

CSC648-01 Team 1

1. Make sure that the instance is live. (Must confirm with Team Lead).

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status
☐	CSC648WebSe...	i-0ccbe054785a641e5	Running	t2.micro	2/2 checks passec	View alarms +

2. Download the CSC648PairKey.pem
3. On the command line, cd to the directory containing the .pem file.

```
C:\Users\Max Shigeyoshi\Desktop\Summer 2024\CSC 648 - Software Engineering>
```

4. On the command line, use command:
   "ssh -i CSC648PairKey.pem
   ec2-user@ec2-13-57-181-175.us-west-1.compute.amazonaws.com"

```
Warning: Permanently added 'ec2-54-193-179-146.us-west-1.compute.amazonaws.com,54.193.179.146' (ECDSA) to the list of kn
own hosts.
@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
@         WARNING: UNPROTECTED PRIVATE KEY FILE!          @
@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
Permissions for 'CSC648PairKey.pem' are too open.
It is required that your private key files are NOT accessible by others.
This private key will be ignored.
Load key "CSC648PairKey.pem": bad permissions
max shigeyoshi@ec2-54-193-179-146.us-west-1.compute.amazonaws.com: Permission denied (publickey,gssapi-keyex,gssapi-with
-mic).
```

   a. If the system doesn't allow you to ssh because the .pem file has too open permissions you will have to change the permissions.
   b. Find the file and right-click and select Properties at the bottom.
   c. Select the Security tab at the top.
   d. On window below, you will see the Advanced button. Click on it.
   e. From this window you will have to disable Inheritance (which is located at the bottom).
   f. Then select each group (except your own user) and clear all permissions. This will also remove those groups from the list.
   g. Now select your use, and remove all permissions EXCEPT the read permission (NOT THE READ & EXECUTE PERMISSION).
   h. You should now have a key and has the correct permissions to ssh.
5. Now you should see the shell within the instance (are are SSH'd!!!)

```
C:\Users\Max Shigeyoshi\Desktop\Summer 2024\CSC 648 - Software Engineering>ssh -i CSC648PairKey.pem ec2-user@ec2-52-8-92
-61.us-west-1.compute.amazonaws.com
   ,     #_
   ~\_  ####_        Amazon Linux 2023
  ~~  \_#####\
  ~~     \###|
  ~~       \#/ ___   https://aws.amazon.com/linux/amazon-linux-2023
   ~~       V~' '->
    ~~~         /
      ~~._.   _/
         _/ _/
       _/m/'
[ec2-user@ip-172-31-12-72 ~]$
```