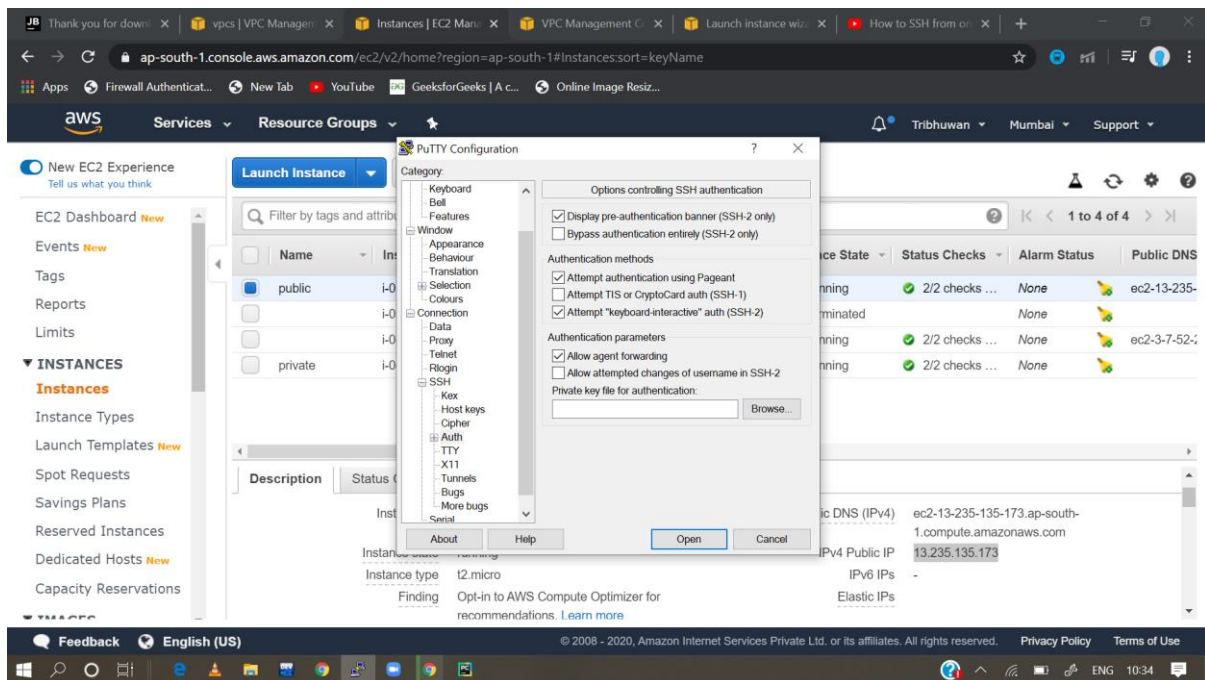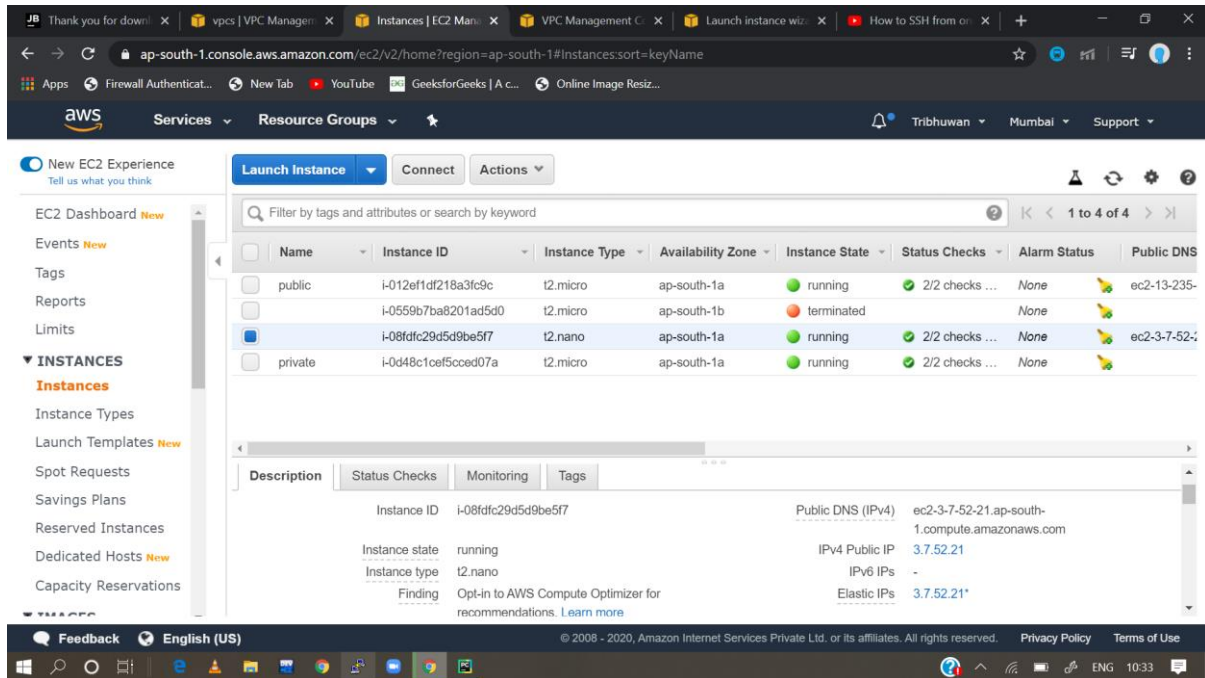# AWS ASSIGNMENT

Q-create vpc with 2 ec2 instance one in public subnet and second private subnet. From ec2 public subnet connects private and private to public.

-step by step solution screenshots

Screenshot 1 (browser with terminal):

```
login as: ec2-user
Authenticating with public key "imported-openssh-key"

        _|  _|_  )
        _|  (     /   Amazon Linux 2 AMI
        ___|\___|___|

https://aws.amazon.com/amazon-linux-2/
1 package(s) needed for security, out of 7 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-10-0-0-108 ~]$
```

AWS Console panel:

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Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS
south-1a	running	2/2 checks ...	None	ec2-13-235-
south-1b	terminated		None	
south-1a	running	2/2 checks ...	None	ec2-3-7-52-
south-1a	running	2/2 checks ...	None	

Description | Status Checks | Monitoring | Tags

Instance ID   i-012ef1df218a3fc9c   Public DNS (IPv4)   ec2-13-235-135-173.ap-south-
                                                                     1.compute.amazonaws.com
Instance state   running   IPv4 Public IP   13.235.135.173
Instance type   t2.micro   IPv6 IPs   -
Finding   Opt-in to AWS Compute Optimizer for   Elastic IPs
                     recommendations. Learn more

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Screenshot 2 (terminal ec2-user@ip-10-0-1-30):

```
login as: ec2-user
Authenticating with public key "imported-openssh-key"

        _|  _|_  )
        _|  (     /   Amazon Linux 2 AMI
        ___|\___|___|

https://aws.amazon.com/amazon-linux-2/
1 package(s) needed for security, out of 7 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-10-0-0-108 ~]$ ssh user@<10.0.1.30>
-bash: syntax error near unexpected token `newline'
[ec2-user@ip-10-0-0-108 ~]$ nano
[ec2-user@ip-10-0-0-108 ~]$ ssh ss@<10.0.1.30>
-bash: syntax error near unexpected token `newline'
[ec2-user@ip-10-0-0-108 ~]$ ssh ss@10.0.1.30
The authenticity of host '10.0.1.30 (10.0.1.30)' can't be established.
ECDSA key fingerprint is SHA256:62xEjVsaBVJaKJZBdTZlJPuiLieMiZxvVJzxArxypu8.
ECDSA key fingerprint is MD5:ee:52:7f:2c:c0:3a:eb:50:21:90:41:3b:d9:0d:b5:42.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '10.0.1.30' (ECDSA) to the list of known hosts.
Permission denied (publickey,gssapi-keyex,gssapi-with-mic).
[ec2-user@ip-10-0-0-108 ~]$ chmod 600 ss
[ec2-user@ip-10-0-0-108 ~]$ ssh -i ss ec2-user@ecting (yes/no
)? yes
-bash: syntax error near unexpected token `('
[ec2-user@ip-10-0-0-108 ~]$ Warning: Permanently added '10.0.
1.30' (ECDSA) to the list of known hosts.
-bash: syntax error near unexpected token `('
[ec2-user@ip-10-0-0-108 ~]$ Permission denied (publickey,gssa
pi-keyex,gssapi-with-mic).
-bash: syntax error near unexpected token `('
[ec2-user@ip-10-0-0-108 ~]$ [ec2-user@ip-10-0-0-108 ~]$
-bash: [ec2-user@ip-10-0-0-108: command not found
[ec2-user@ip-10-0-0-108 ~]$
[ec2-user@ip-10-0-0-108 ~]$ ssh -i ss ec2-user@10.0.1.30

        _|  _|_  )
        _|  (     /   Amazon Linux 2 AMI
        ___|\___|___|

https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-10-0-1-30 ~]$
```