Q.1)

```
#!/bin/bash
echo "Enter a year "
read year
if [`expr $year % 400` -eq 0 ]
then
echo "Leap year"
elif [`expr $year % 100` -eq 0 ]
then
echo "Not a leap year"
elif [`expr $year % 4` -eq 0 ]
then
echo "Leap year"
else
echo "Not a leap year"
fi
```

```
#!/bin/bash
echo "Enter a year "
read year
if [ `expr $year % 400` -eq 0 ]
then
echo "Leap year"
elif [ `expr $year % 100` -eq 0 ]
then
echo "Not a leap year"
elif [ `expr $year % 4` -eq 0 ]
then
echo "Leap year"
else
echo "Not a leap year"
fi
```

```
tushar@DESKTOP-9QA5R03:~/exam$ bash year.sh
Enter a year
2020
Leap year
tushar@DESKTOP-9QA5R03:~/exam$ bash year.sh
Enter a year
2019
Not a leap year
tushar@DESKTOP-9QA5R03:~/exam$ bash year.sh
Enter a year
2000
Leap year
tushar@DESKTOP-9QA5R03:~/exam$ bash year.sh
Enter a year
1900
Not a leap year
```

Q.2)

```
#!/bin/bash
echo "Enter three number:"
read a b c
if [$a -gt $b -a $a -gt $c ]
then
echo "$a is greatest"
elif [$b -gt $c -a $b -gt $a ]
then
echo "$b is greatest"
else
echo "$c is greatest"
fi
```

```
#!/bin/bash
echo "Enter three number:"
read a b c
if [ $a -gt $b -a $a -gt $c ]
then
echo "$a is greatest"
elif [ $b -gt $c -a $b -gt $a ]
then
echo "$b is greatest"
else
echo "$c is greatest"
fi
```

```
tushar@DESKTOP-9QA5R03:~/exam$ nano num.sh
tushar@DESKTOP-9QA5R03:~/exam$ bash num.sh
Enter three number:
10 20 30
30 is greatest
tushar@DESKTOP-9QA5R03:~/exam$ bash num.sh
Enter three number:
35 36 12
36 is greatest
tushar@DESKTOP-9QA5R03:~/exam$ bash num.sh
Enter three number:
11 9 10
11 is greatest
```

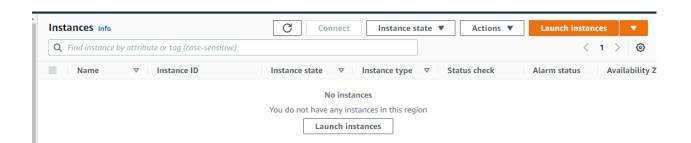
Q.3)

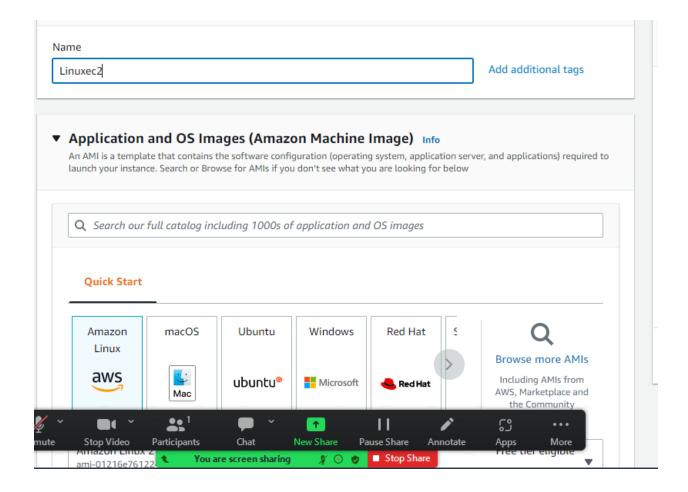
```
tushar@DESKTOP-9QA5R03:~$ sudo adduser user
[sudo] password for tushar:
Adding user `user' ...
Adding new group `user' (1023) ...
Adding new user `user' (1021) with group `user' ...
Creating home directory `/home/user' ...
Copying files from `/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for user
Enter the new value, or press ENTER for the default
        Full Name []:
        Room Number []:
        Work Phone []:
        Home Phone []:
        Other []:
Is the information correct? [Y/n] y
tushar@DESKTOP-9QA5R03:~$
```

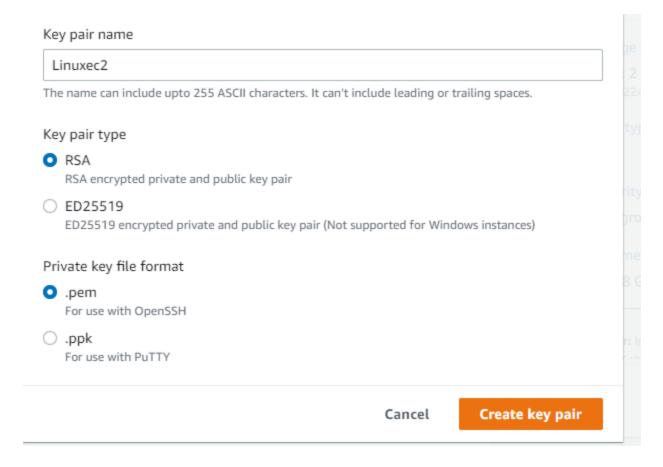
```
tushar@DESKTOP-9QA5R03:~$ su user
Password:
user@DESKTOP-9QA5R03:/home/tushar$ cd
user@DESKTOP-9QA5R03:~$ touch file.txt
user@DESKTOP-9QA5R03:~$ ls -1
total 0
-rw-rw-r-- 1 user user 0 Sep 26 17:33 file.txt
user@DESKTOP-9QA5R03:~$ chmod 400 file.txt
user@DESKTOP-9QA5R03:~$ ls -1
total 0
-r----- 1 user user 0 Sep 26 17:33 file.txt
user@DESKTOP-9QA5R03:~$ _
```

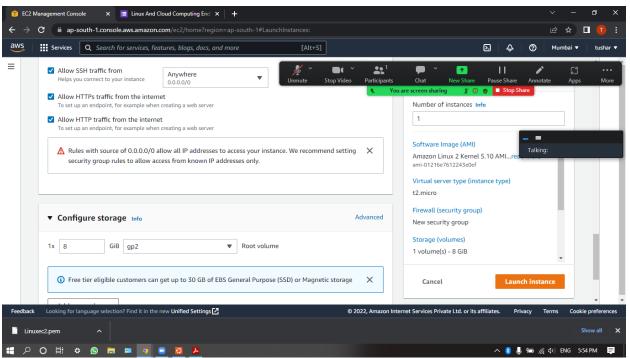
```
user@DESKTOP-9QA5R03:~$ mkdir dbda
user@DESKTOP-9QA5R03:~$ touch Sep.txt
user@DESKTOP-9QA5R03:~$ ls
Sep.txt dbda file.txt
user@DESKTOP-9QA5R03:~$ mv Batch2.txt Sep.txt
mv: cannot stat 'Batch2.txt': No such file or directory
user@DESKTOP-9QA5R03:~$ mv Sep.txt Batch2.txt
user@DESKTOP-9QA5R03:~$ ls
Batch2.txt dbda file.txt
user@DESKTOP-9QA5R03:~$ mkdir dbda2
user@DESKTOP-9QA5R03:~$ tree
  — Batch2.txt
   - dbda
   - dbda2
  - file.txt
2 directories, 2 files
user@DESKTOP-9QA5R03:~$ mv Batch2.txt /home/user/dbda2
user@DESKTOP-9QA5R03:~$ tree
  dbda
   - dbda2
    └─ Batch2.txt
   - file.txt
2 directories, 2 files
user@DESKTOP-9QA5R03:~$
```

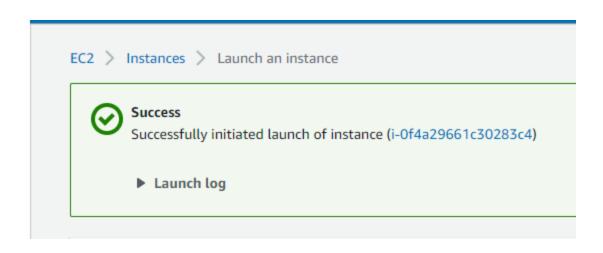
Q.5)

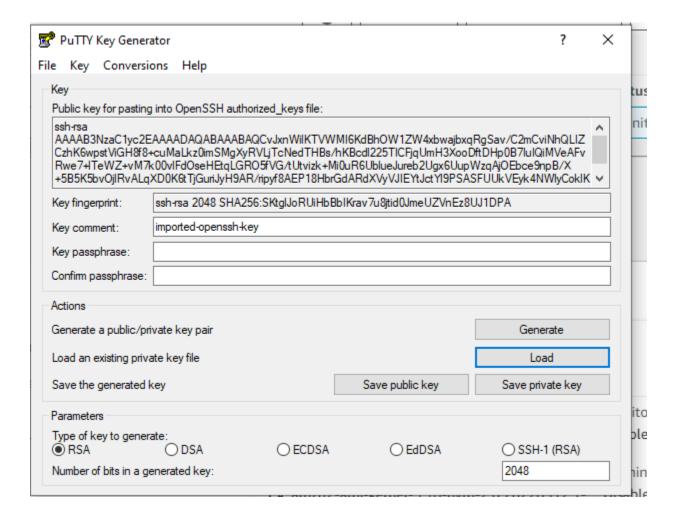


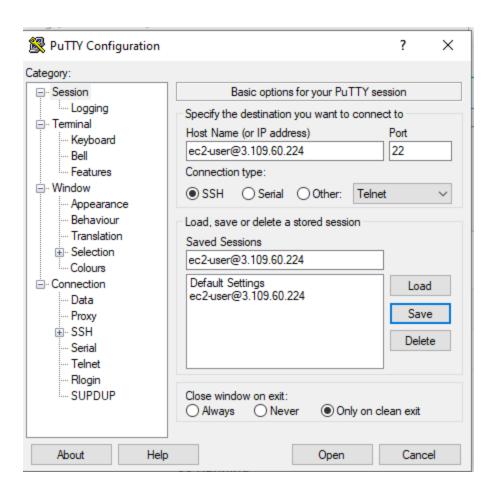


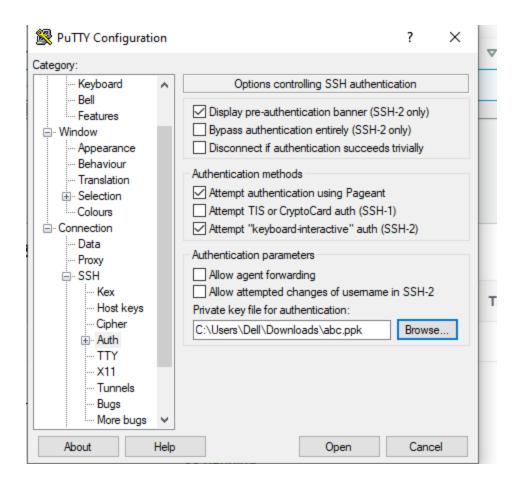


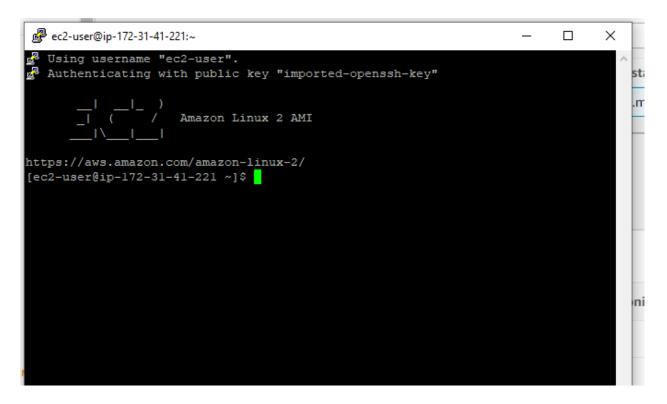






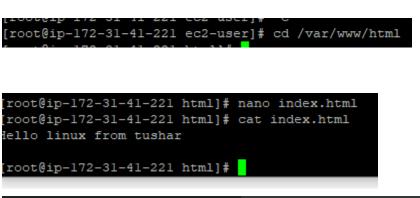


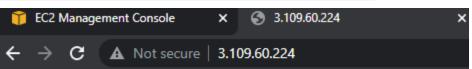




```
[ec2-user@ip-172-31-41-221 ~]$ yum update -y
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
You need to be root to perform this command.
[ec2-user@ip-172-31-41-221 ~]$ sudo su
[root@ip-172-31-41-221 ec2-user]# yum update -y
Loaded pluging, outroo guggestions, languages, priorities, update motd
```

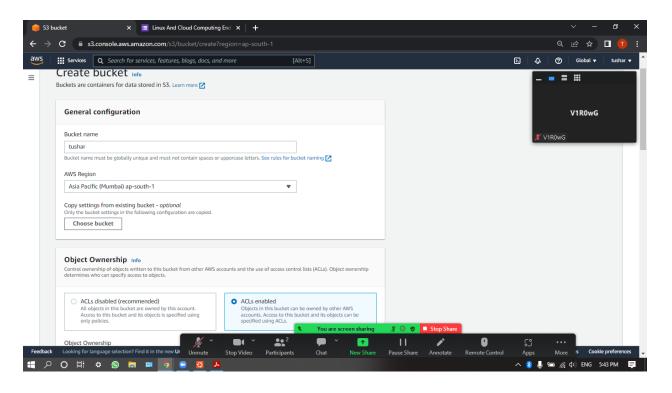
```
httpd.service - The Apache HTTP Server
  Loaded: loaded (/usr/lib/systemd/system/httpd.service; disabled; vendor prese
t: disabled)
   Active: active (running) since Mon 2022-09-26 12:33:43 UTC; 50s ago
    Docs: man:httpd.service(8)
Main PID: 3435 (httpd)
   Status: "Total requests: 0; Idle/Busy workers 100/0; Requests/sec: 0; Bytes se
rved/sec: 0 B/sec"
  CGroup: /system.slice/httpd.service
           -3435 /usr/sbin/httpd -DFOREGROUND
           -3436 /usr/sbin/httpd -DFOREGROUND
           -3437 /usr/sbin/httpd -DFOREGROUND
           -3438 /usr/sbin/httpd -DFOREGROUND
                                                                                   nite
           -3439 /usr/sbin/httpd -DFOREGROUND
           L3440 /usr/sbin/httpd -DFOREGROUND
Sep 26 12:33:42 ip-172-31-41-221.ap-south-1.compute.internal systemd[1]: Star...
Sep 26 12:33:43 ip-172-31-41-221.ap-south-1.compute.internal systemd[1]: Star...
Hint: Some lines were ellipsized, use -1 to show in full.
                                                                                   Z
[root@ip-172-31-41-221 ec2-user]#
```

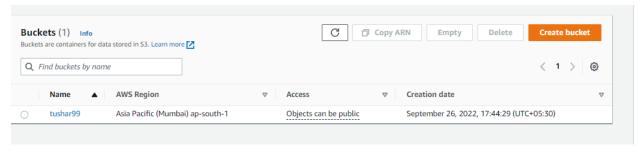


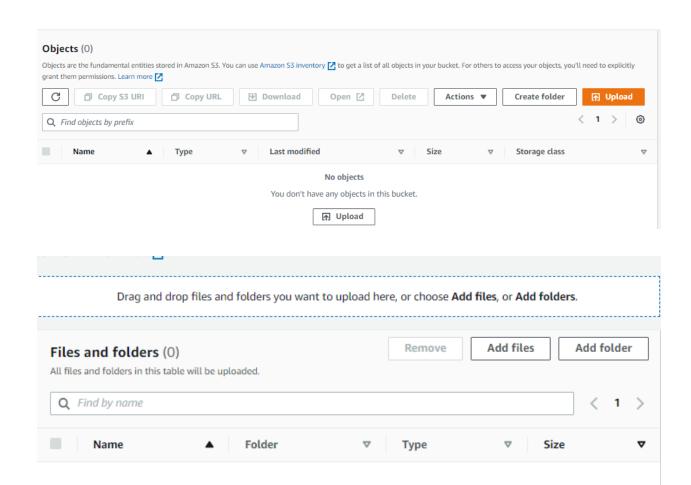


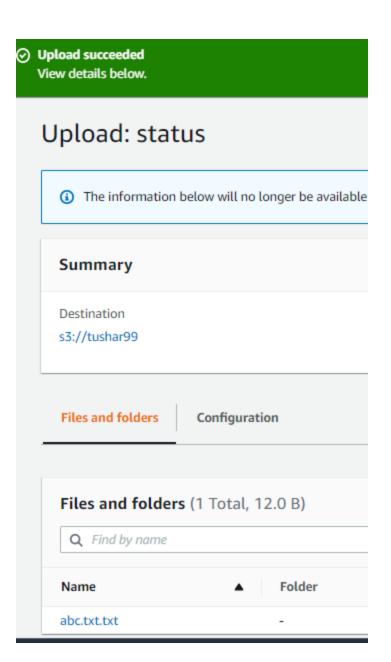
Hello linux from tushar

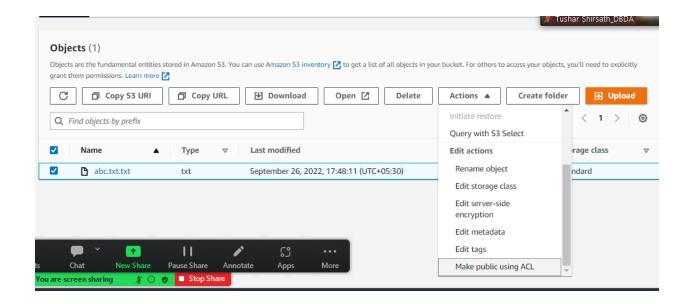
Create a bucket Every object in S3 is stored in a bucket create a bucket where the objects will Create bucket











Object URL

https://tushar99.s3.ap-south-1.amazonaws.com/abc.txt.txt

