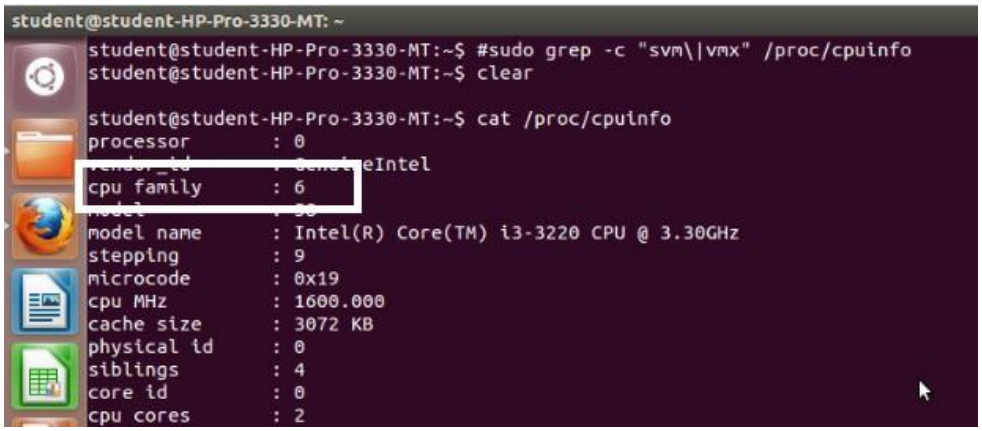
Practical No:- 02

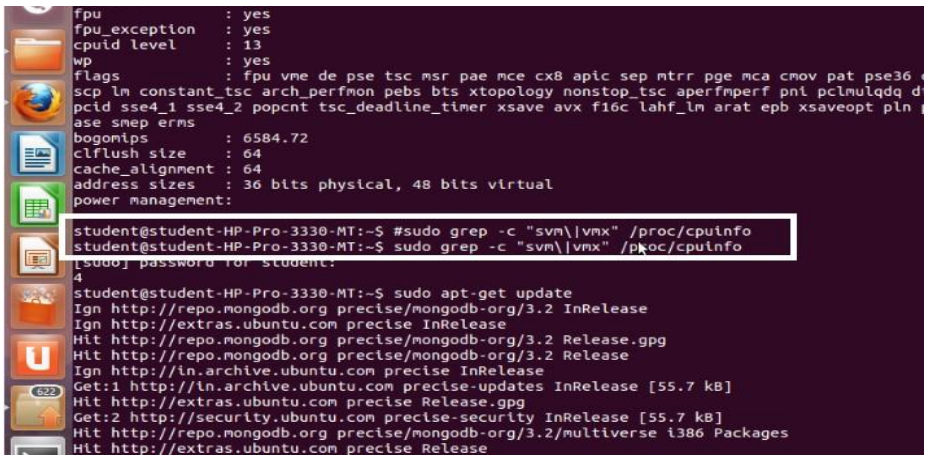
Installation and Configuration of virtualization using KVM.

Output:-

Step 1 :- #sudo grep -c "svm\|vmx" /proc/cpuinfo

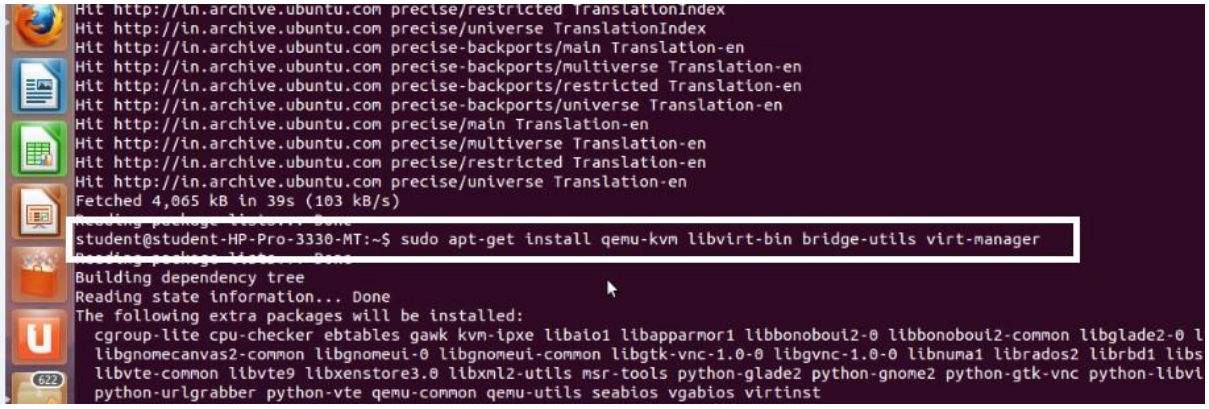


Step2:- #sudo apt-get install qemu-kvm



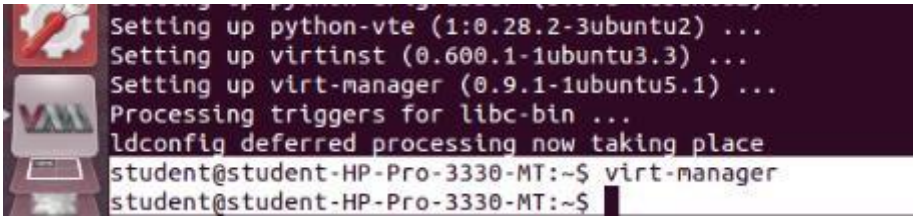
Step 3 :- #sudoadduserrait

After running this command, log out and log back in as rait



Step 4 :- #sudoadduserraitlibvirtd

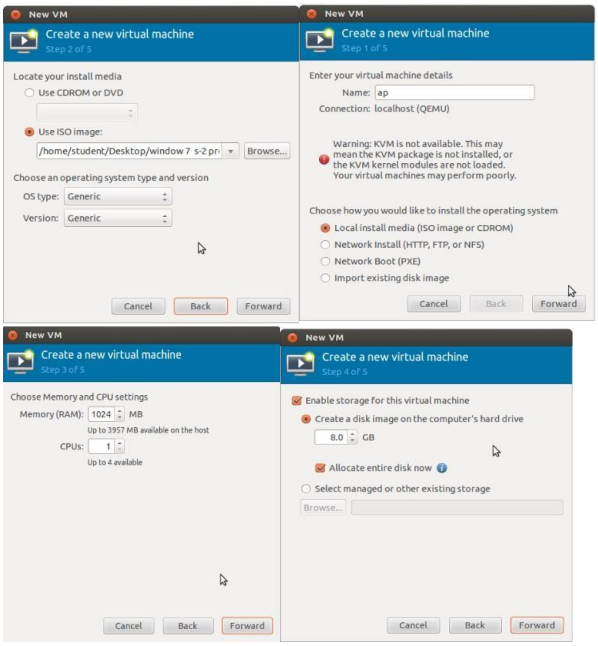
After running this command, log out and log back in as rait

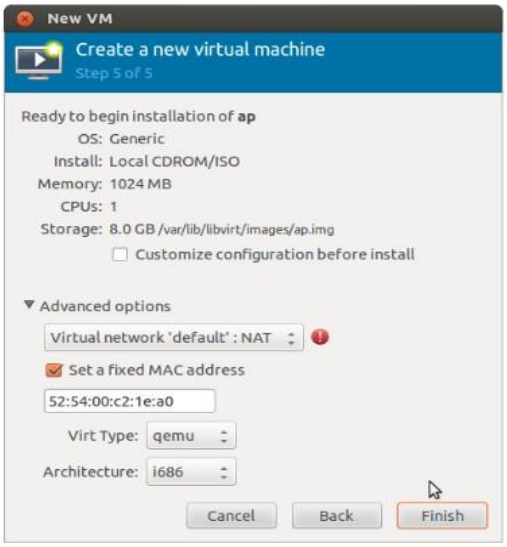


Step 5 :- Open Virtual Machine Manager application and Create Virtual Machine

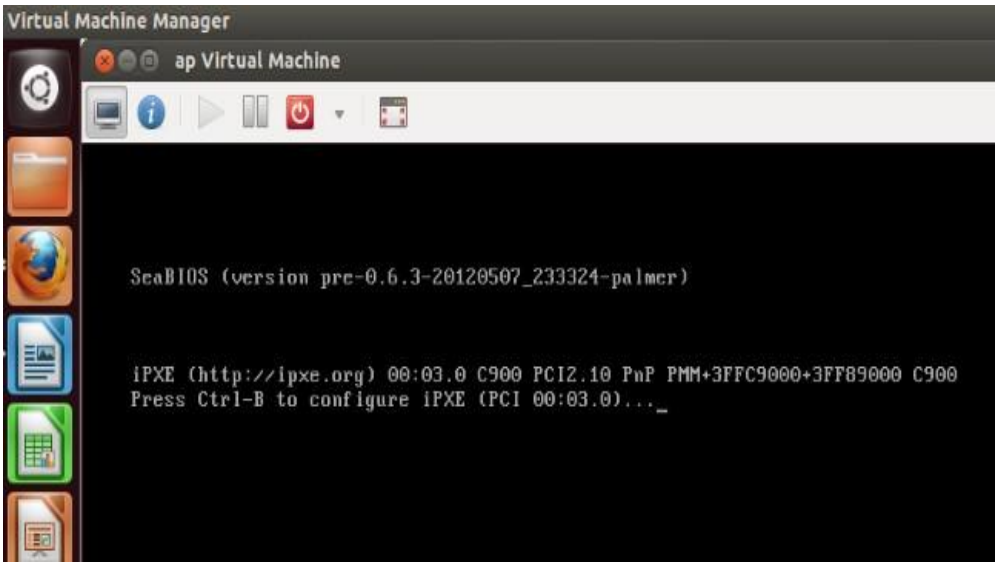
#virt-manager as shown below

Step 6 :- Create a new virtual machine as shown below

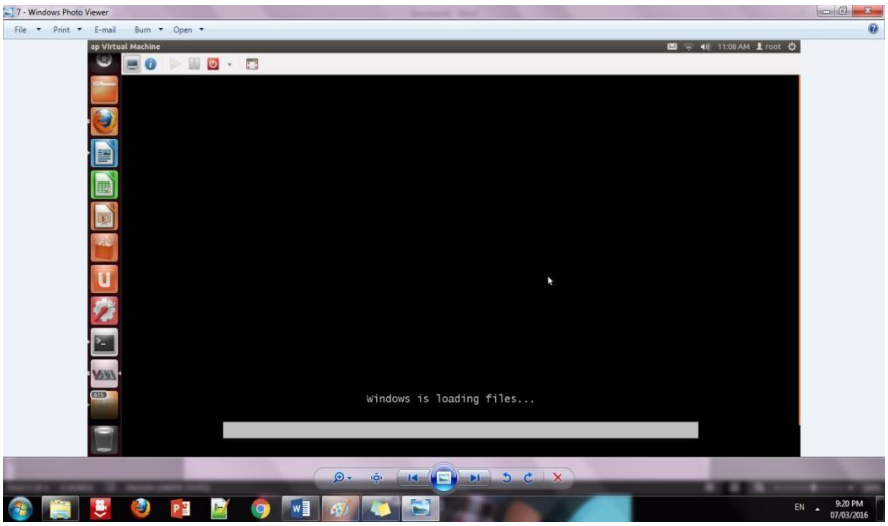




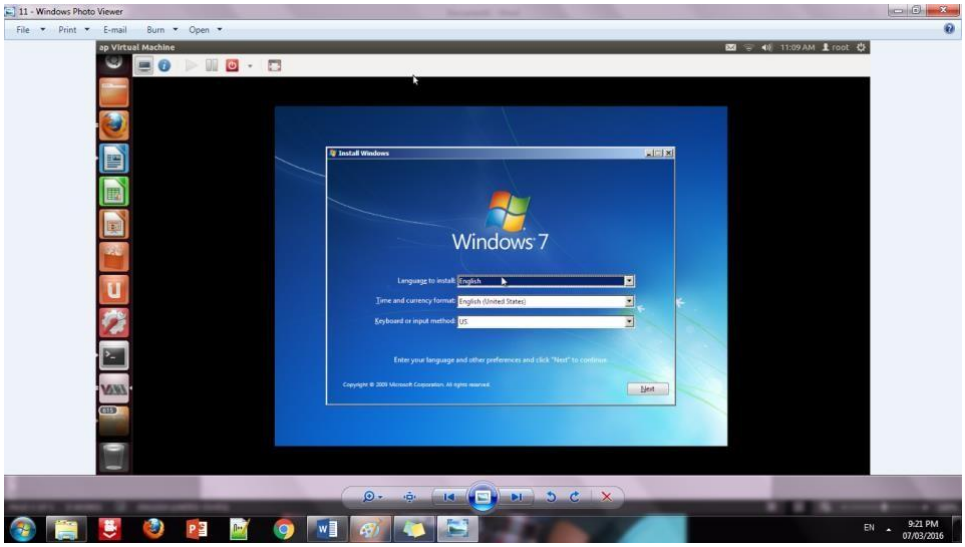
Step 7 :- Install windows operating system on virtual machine



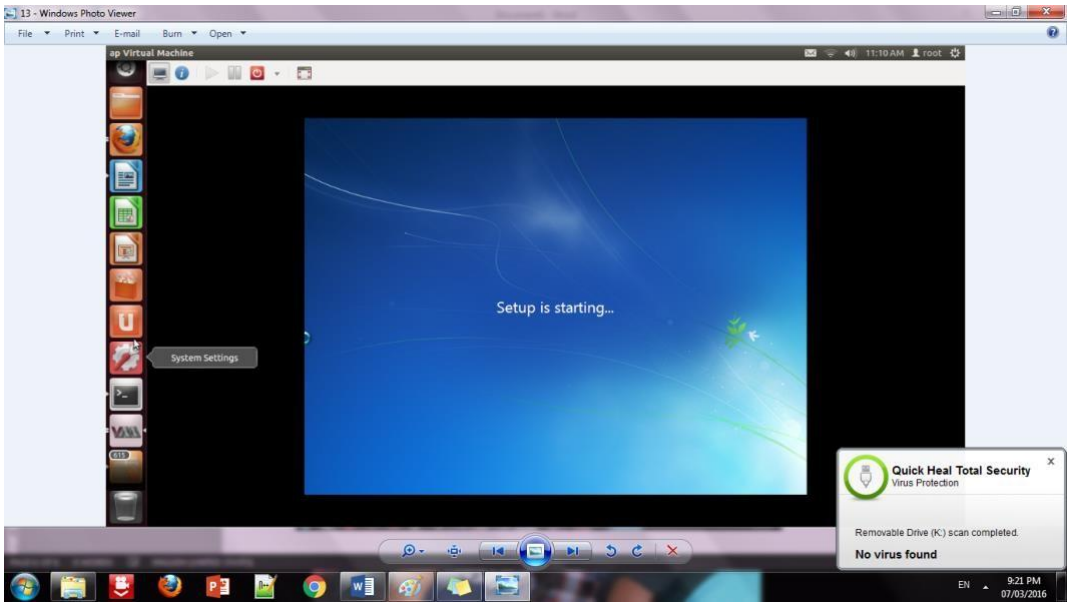
Step 8:- Installation of windows on virtual machine



Step 9:- Installation of windows 7 on virtual machine



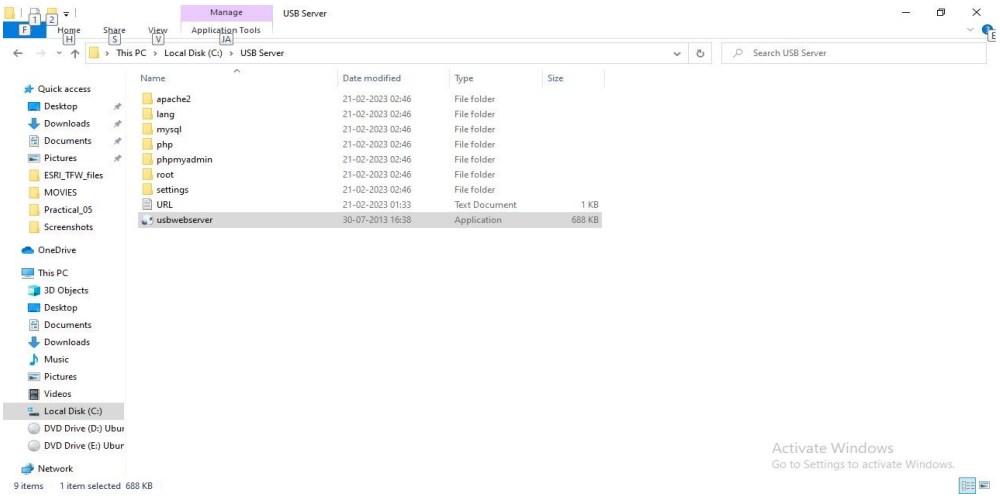
Step 10:- Initialization of windows on virtual machine

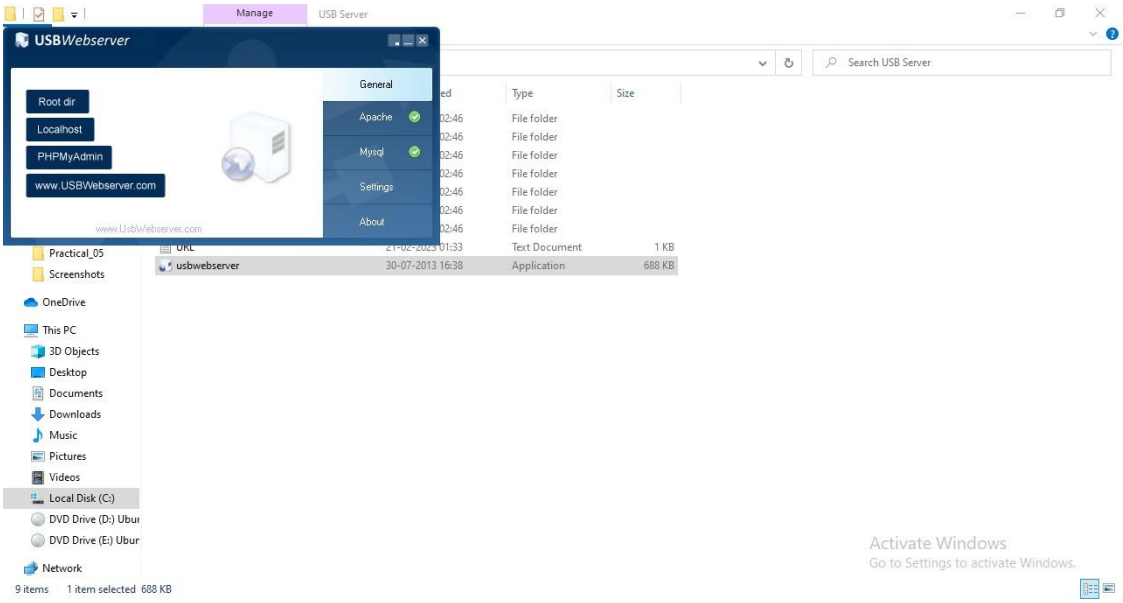


Practical No:- 03

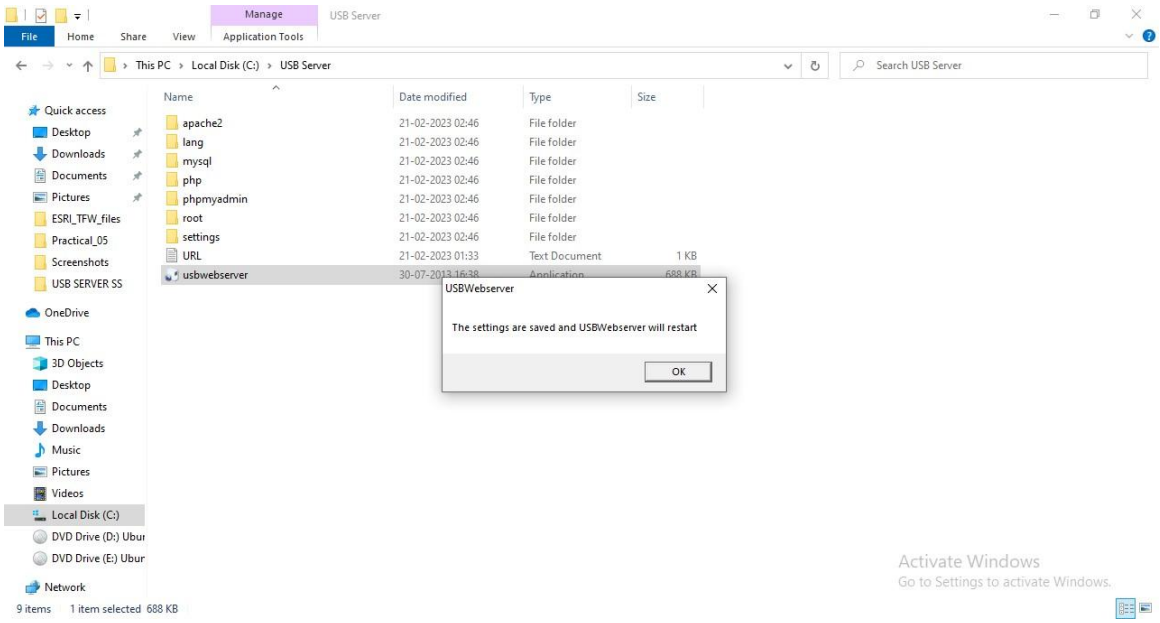
Study and implementation of Infrastructure as a Service

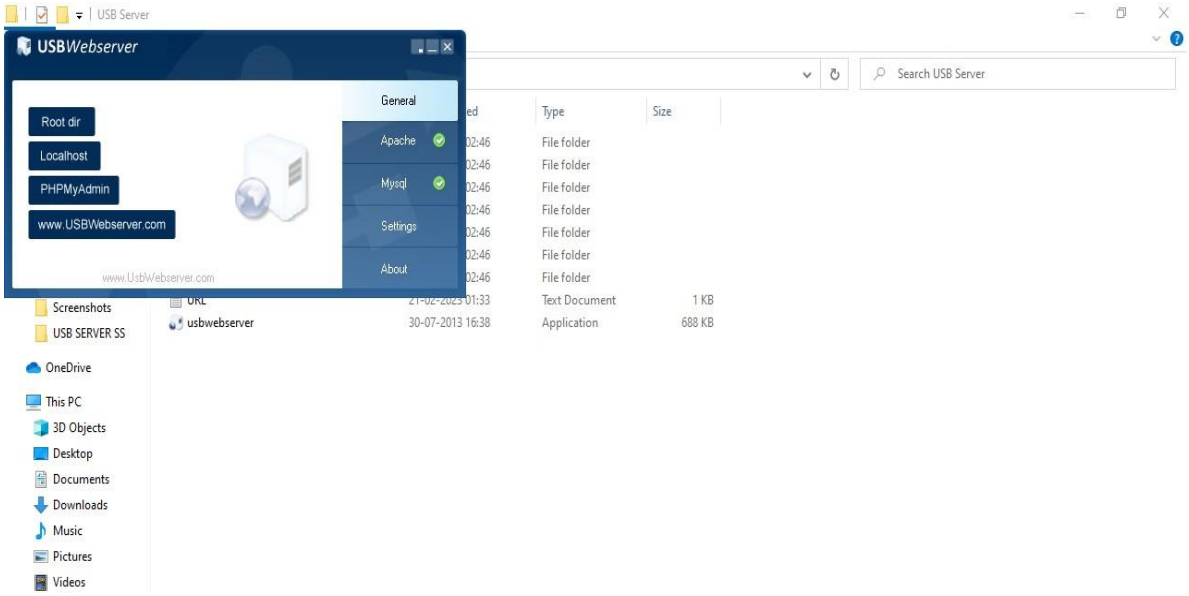
Output:-






USBWebserver
Language
English
Open browser when start
Hide USBWebserver at startup
Root dir
{path}/root
Port apache
8085
Port MySQL
3307
Save
www.UsbWebserver.com
General
Apache
Mysql
Settings
About


Manage
USB Server
File
Home
Share
View
Application Tools
This PC
Local Disk (C:)
USB Server
Search USB Server
Quick access
Desktop
Downloads
Documents
Pictures
ESRI_TFW_files
Practical_05
Screenshots
USB SERVER SS
OneDrive
This PC
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
Local Disk (C:)
DVD Drive (D:) Ubur
DVD Drive (E:) Ubur
Network
Name
Date modified
Type
Size
apache2
21-02-2023 02:46
File folder
lang
21-02-2023 02:46
File folder
mysql
21-02-2023 02:46
File folder
php
21-02-2023 02:46
File folder
phpmyadmin
21-02-2023 02:46
File folder
root
21-02-2023 02:46
File folder
settings
21-02-2023 02:46
File folder
URL
21-02-2023 01:33
Text Document
1 KB
usbwebserver
30-07-2013 16:38
Application
688 KB
USBWebserver
The settings are saved and USBWebserver will restart
OK
9 items
1 item selected 688 KB
Activate Windows
Go to Settings to activate Windows.

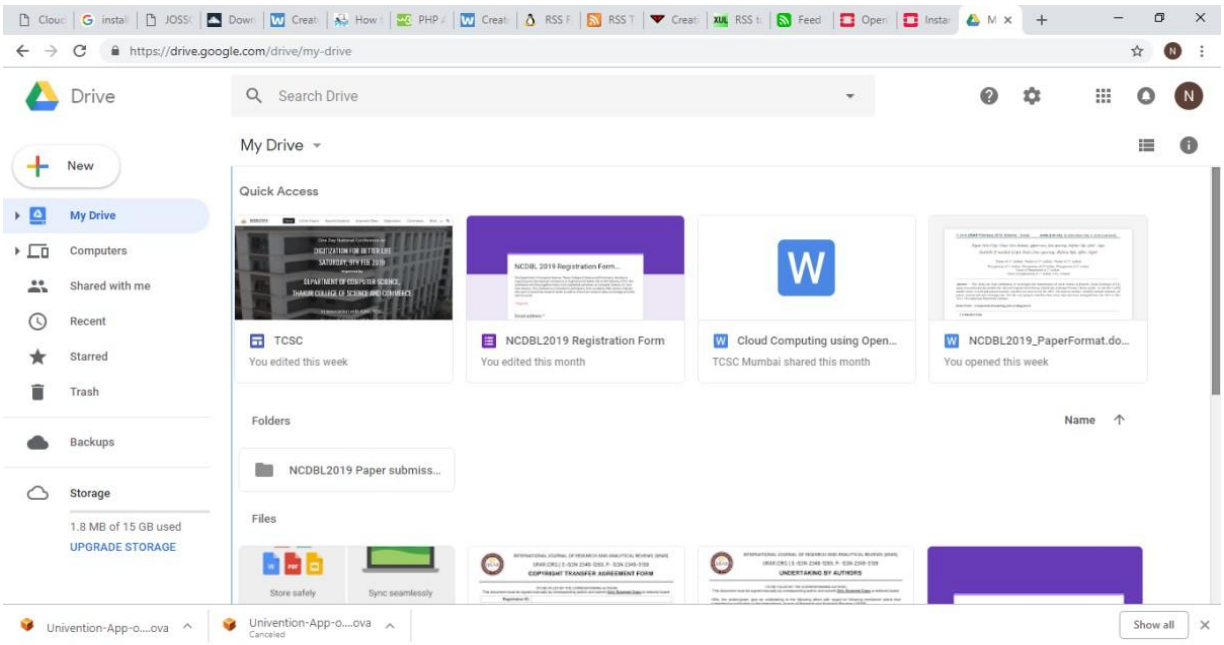


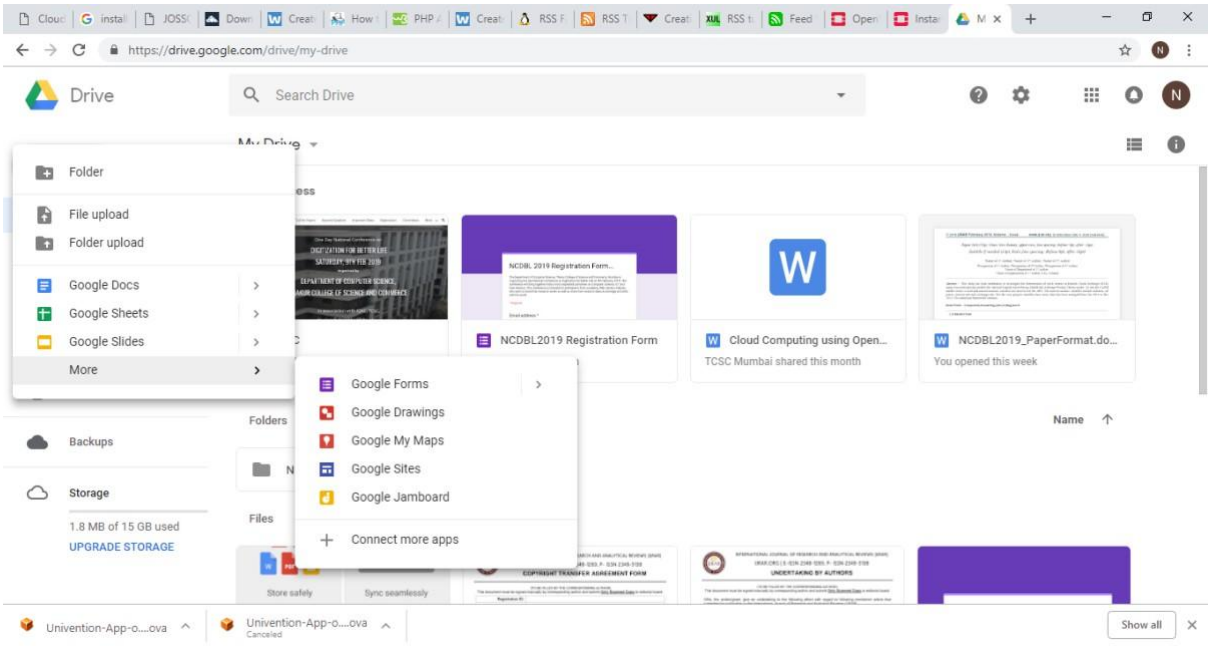
Hello TYCS

Practical No:- 04

Study and implementation of Storage as a Service.

Output:-

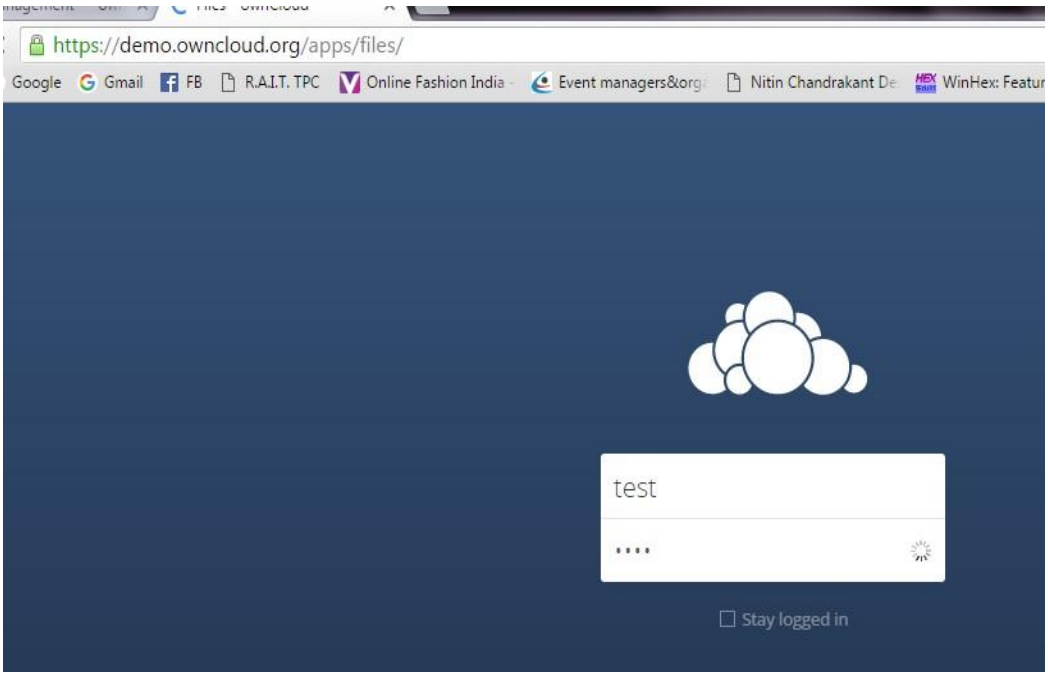


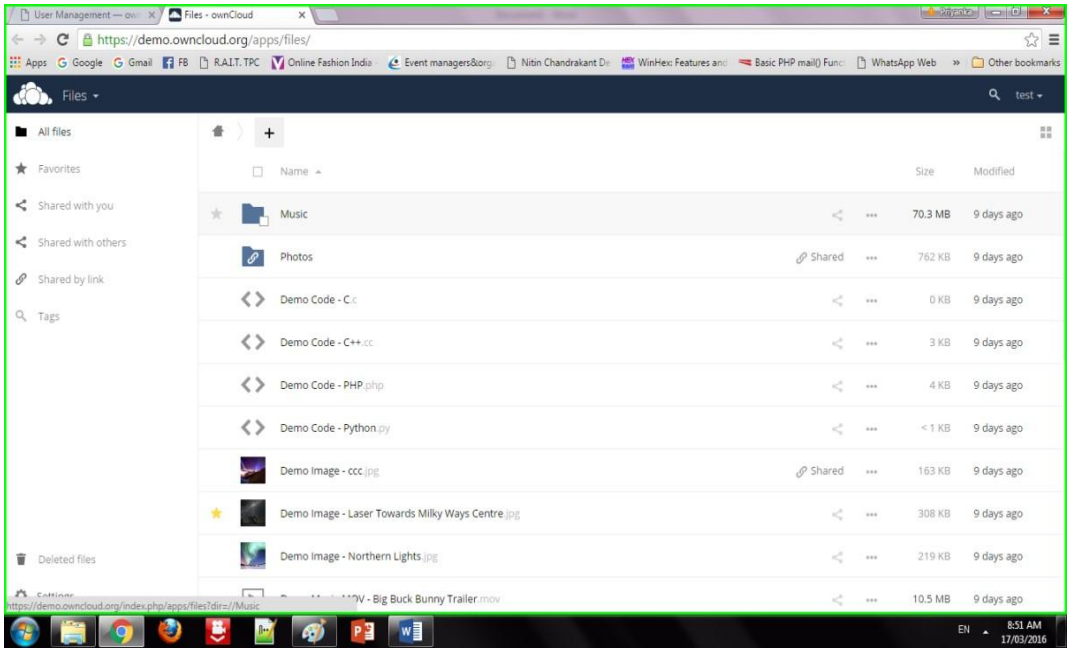


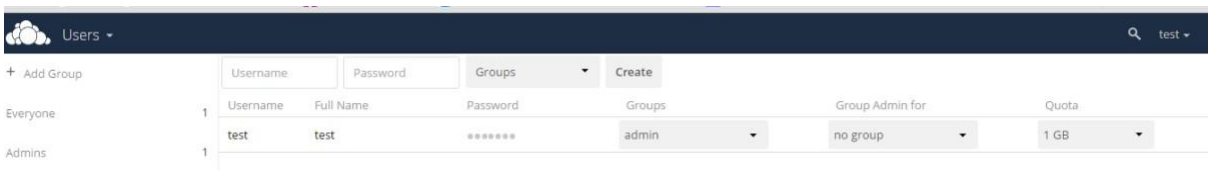
Practical No:- 05

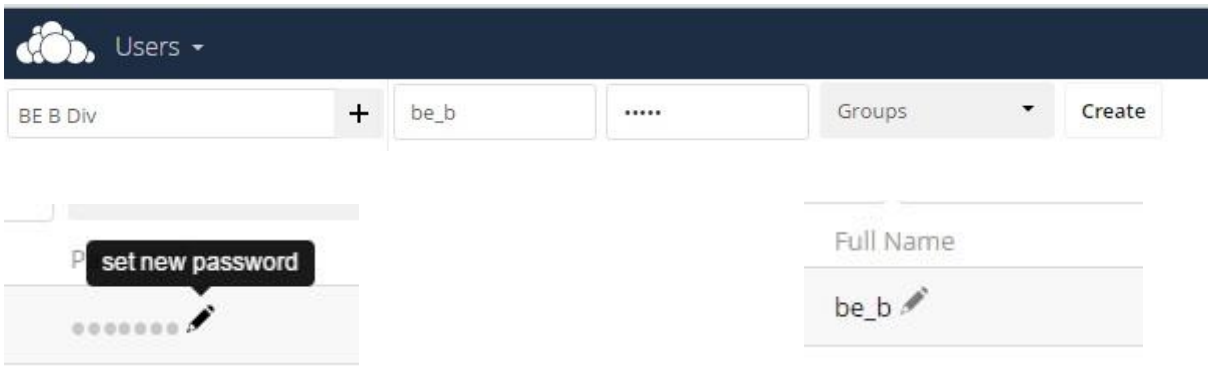
Study and implementation of identity management.

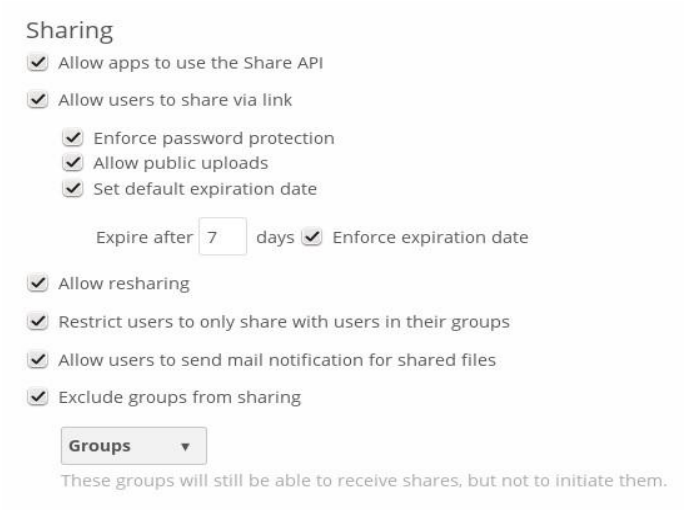
Output:-

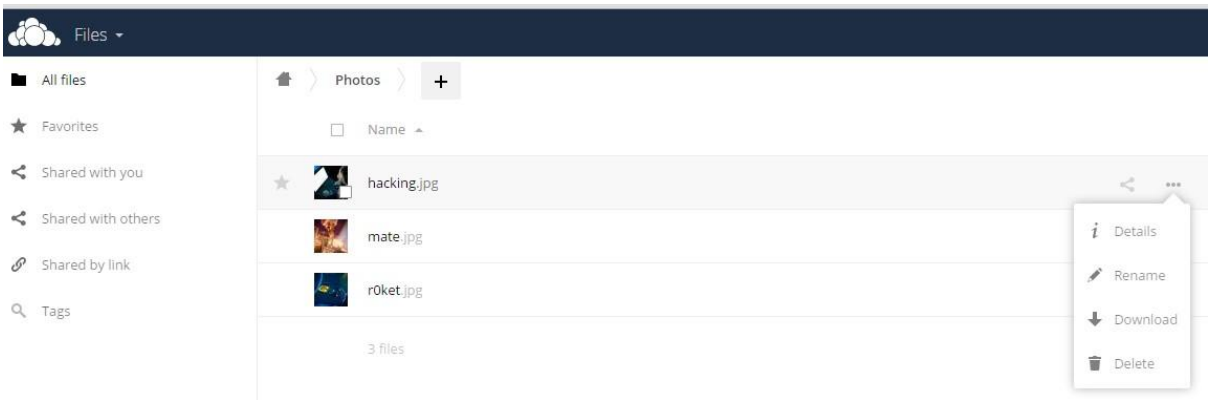







Users
BE B Div
be_b
Groups
Create
set new password
Full Name
be_b


Sharing
Allow apps to use the Share API
Allow users to share via link
Enforce password protection
Allow public uploads
Set default expiration date
Expire after 7 days
Enforce expiration date
Allow resharing
Restrict users to only share with users in their groups
Allow users to send mail notification for shared files
Exclude groups from sharing
Groups
These groups will still be able to receive shares, but not to initiate them.


Files
All files
Favorites
Shared with you
Shared with others
Shared by link
Tags
Photos
Name
hacking.jpg
mate.jpg
r0ket.jpg
3 files
Details
Rename
Download
Delete

hacking.jpg

228 KB, 9 days ago

Collaborative tags

Activities Comments **Sharing** Versions

Share with users or groups ...

Share link

https://demo.owncloud.org/s/T0GPHlNNpC5vlVp

Password protect

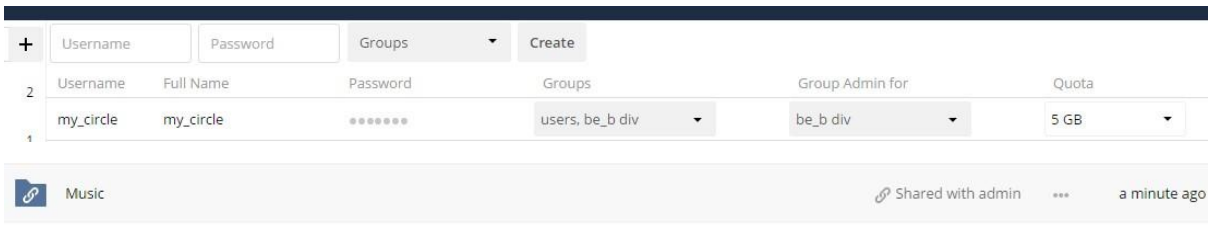
Set expiration date

Activities Comments **Sharing**

Share with users or groups ...

admin (group) can share can edit

admin

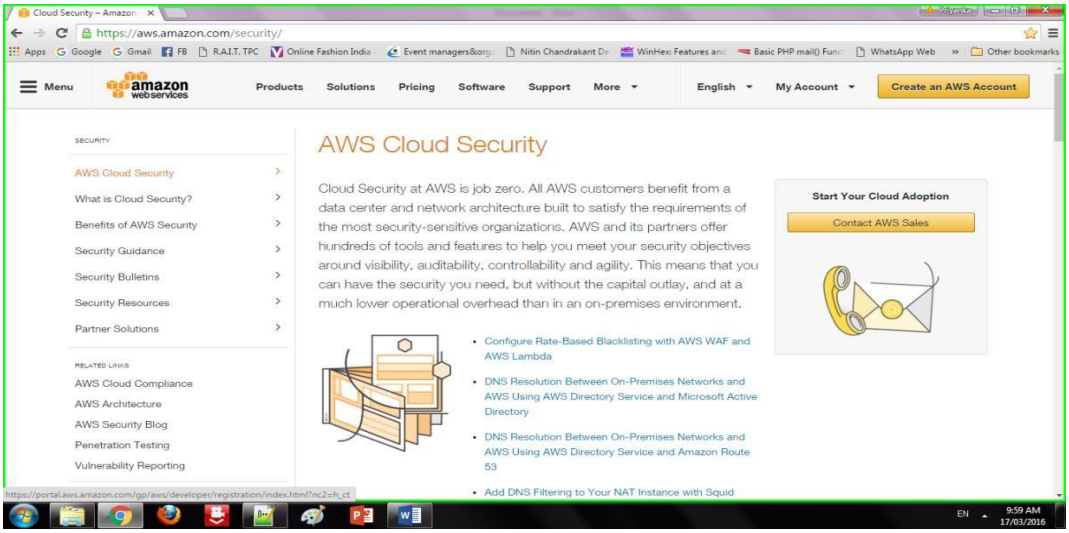


Practical No:- 06

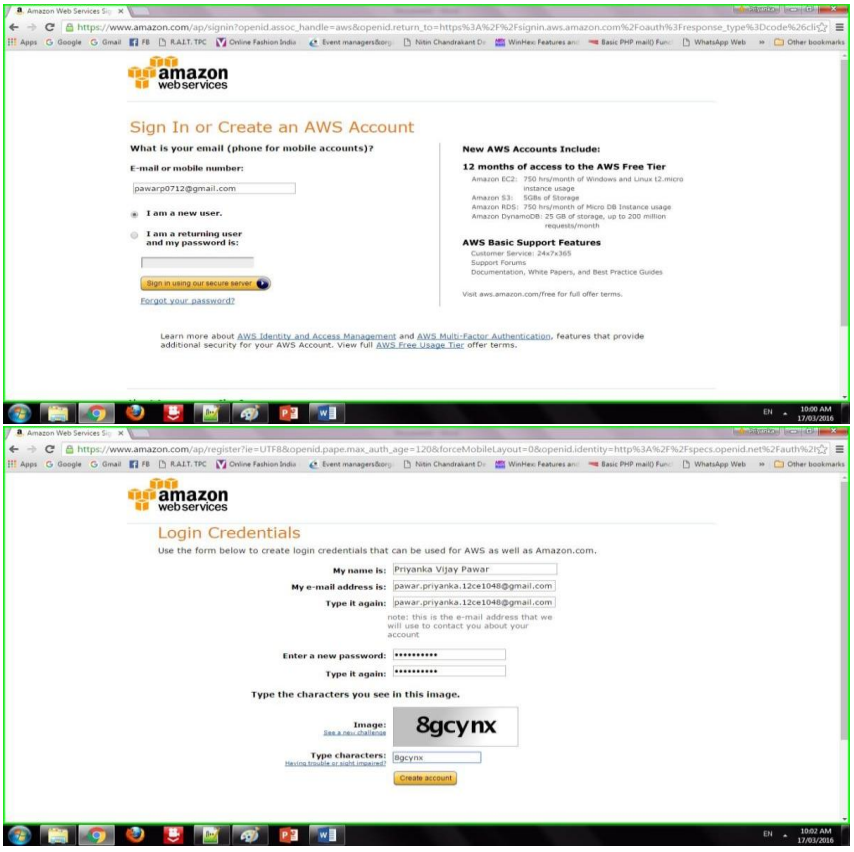
Study Cloud Security management

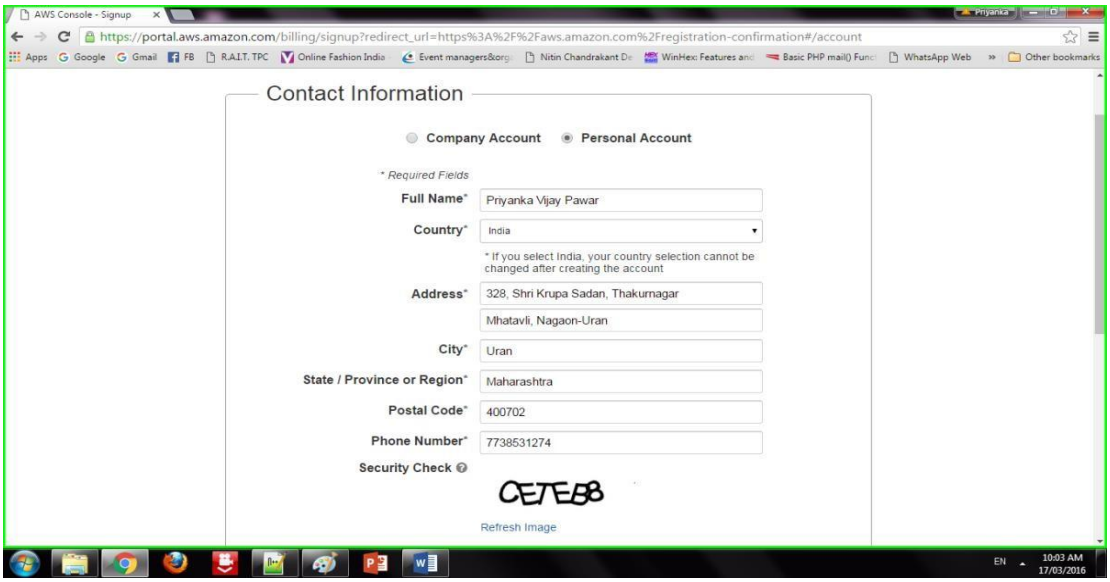
Output:-

Step 1:-goto aws.amazon.com



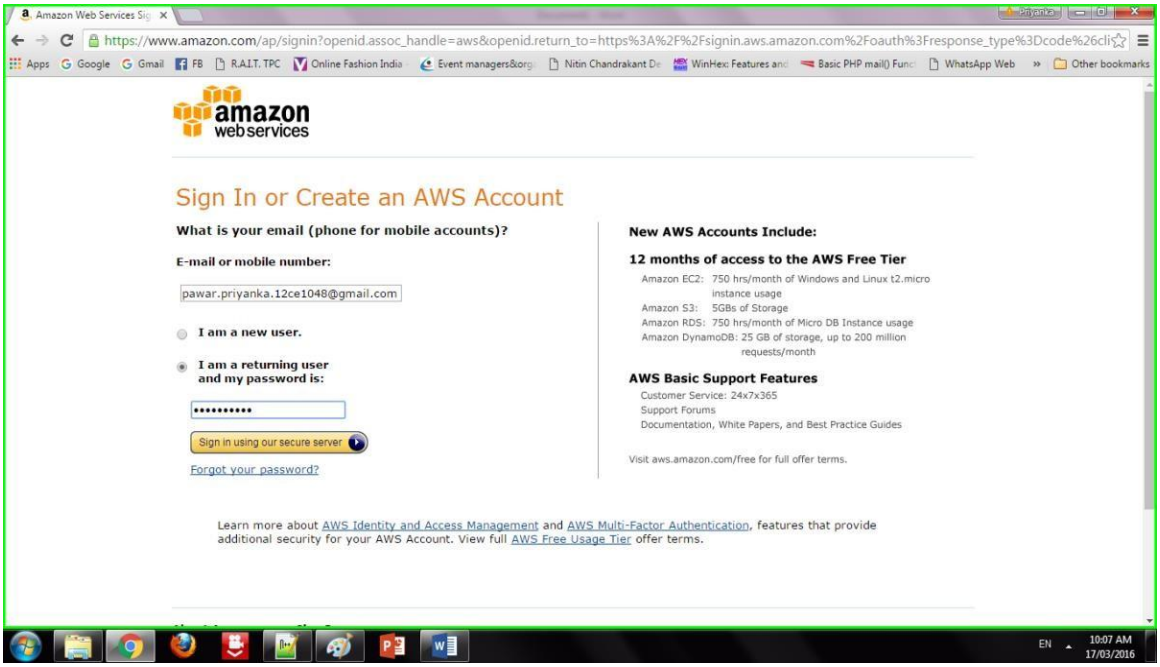
Step 2 :- Click on "My Account". Select "AWS management console" and click on it. Give Email id in the required field

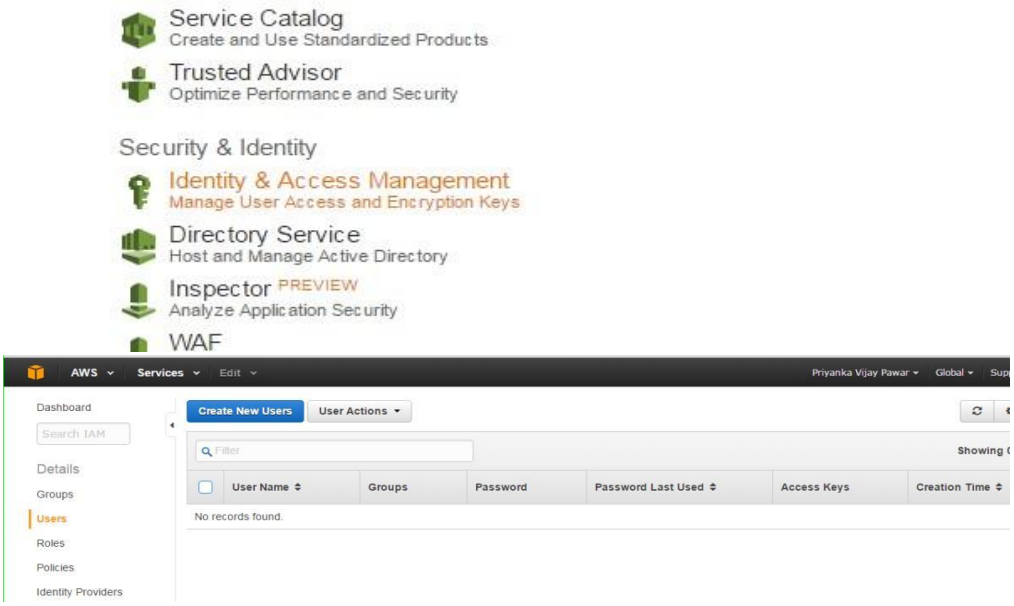




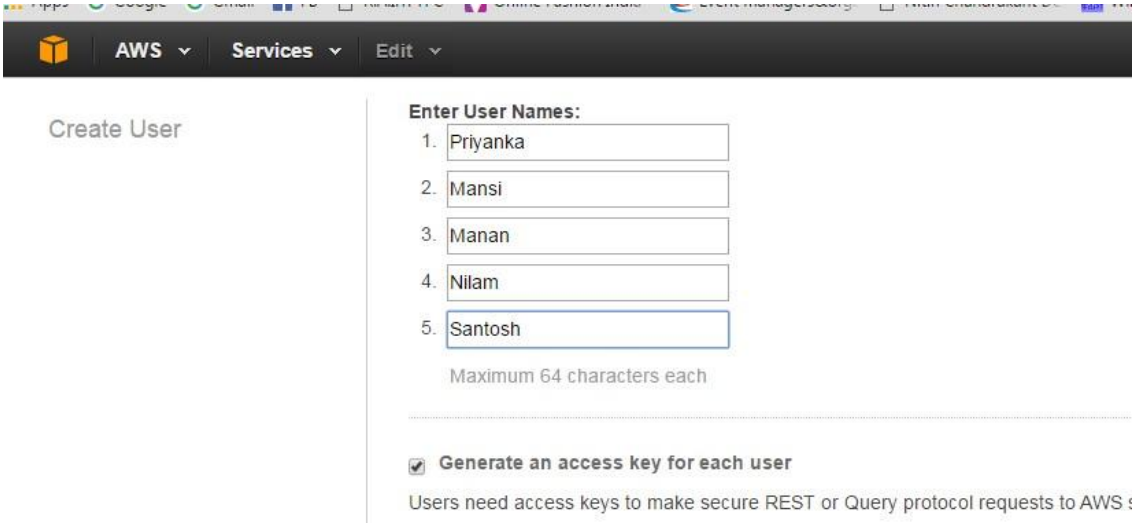
Step 3:- Addition of security features

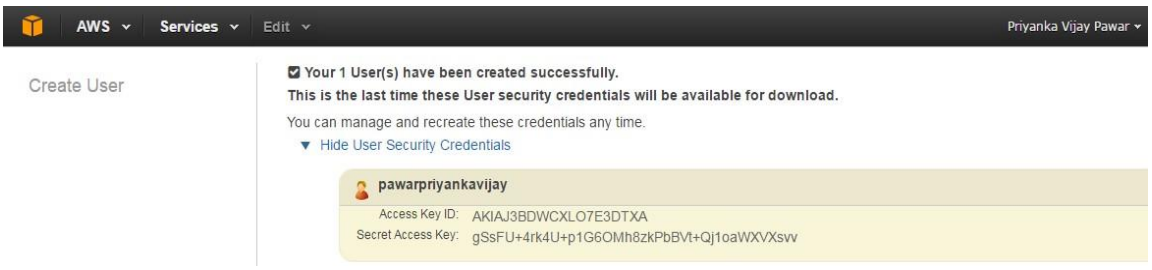
Step 4:- Sign in to an AWS account



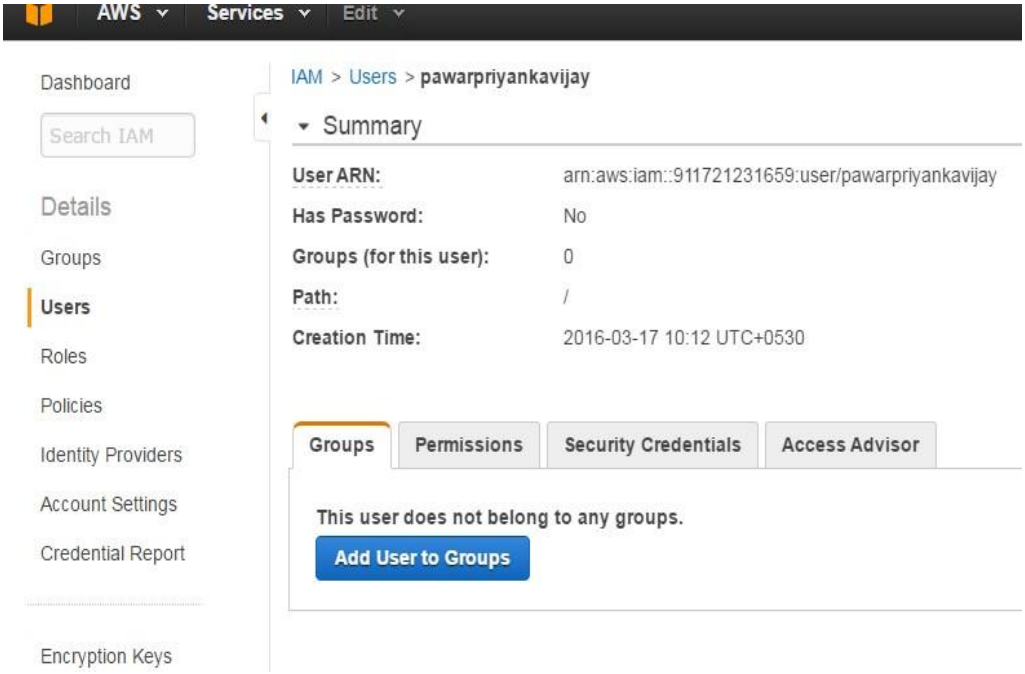


Step 5 :- Creation of users

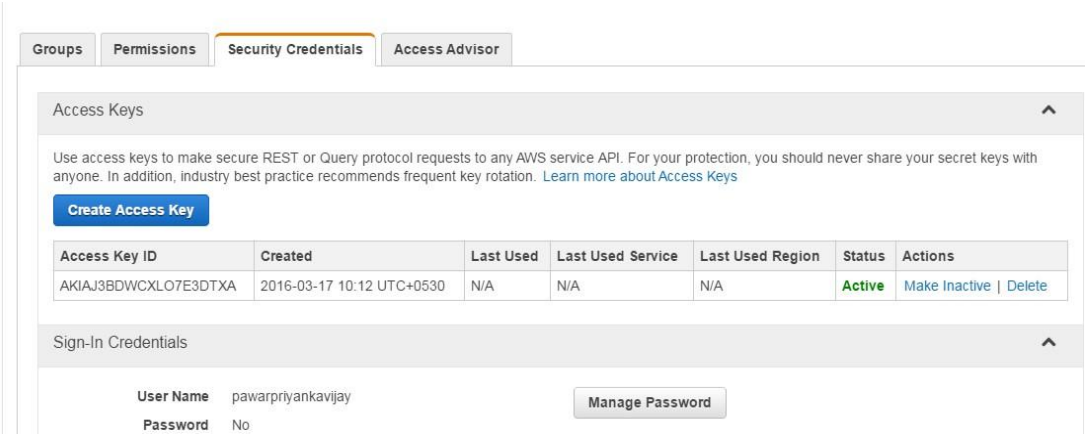


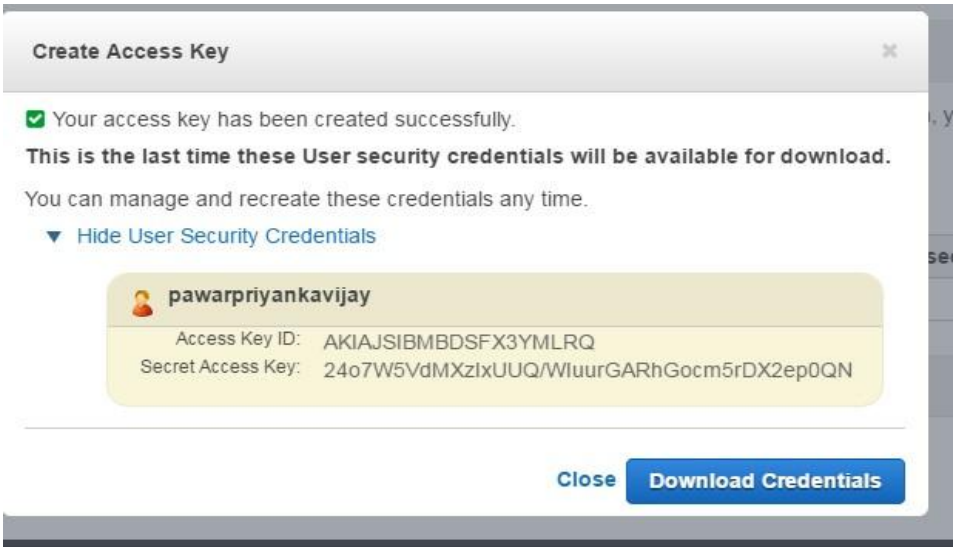


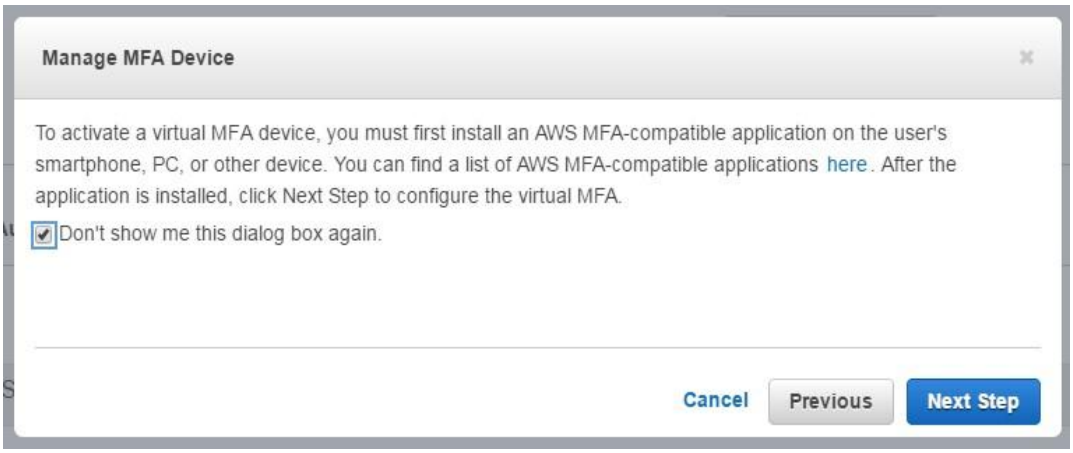
Step 6:- Adding users to group



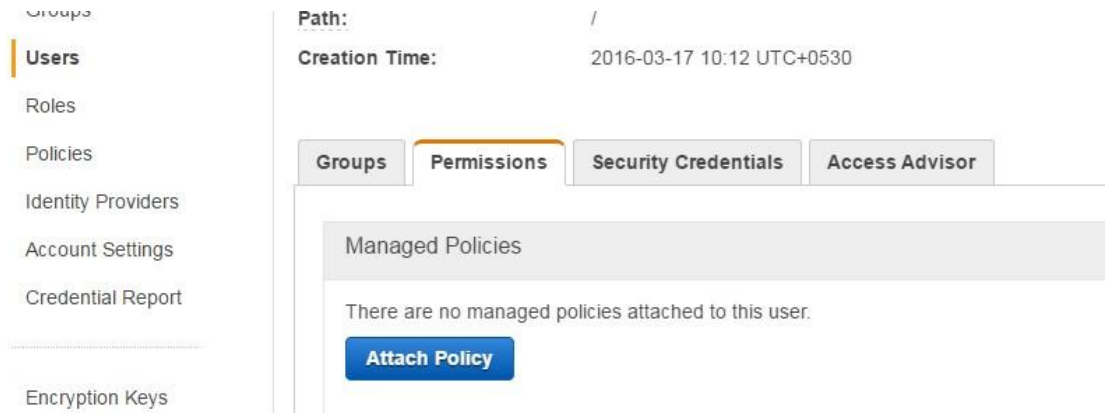
Step 7:- Creating Access key

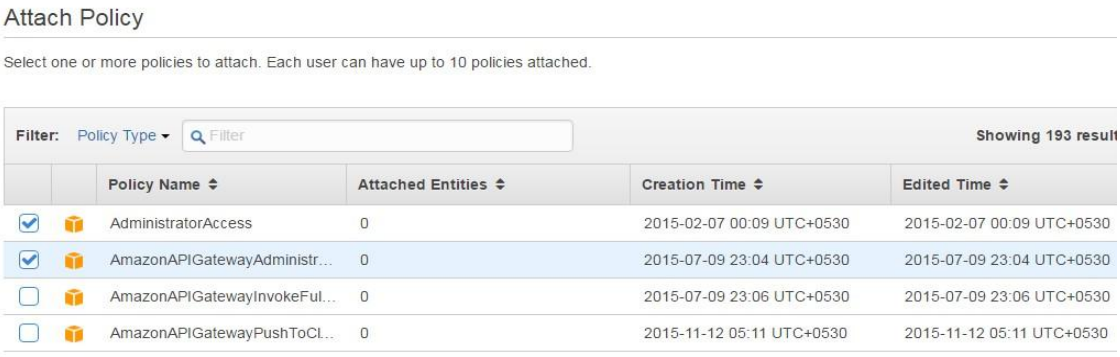


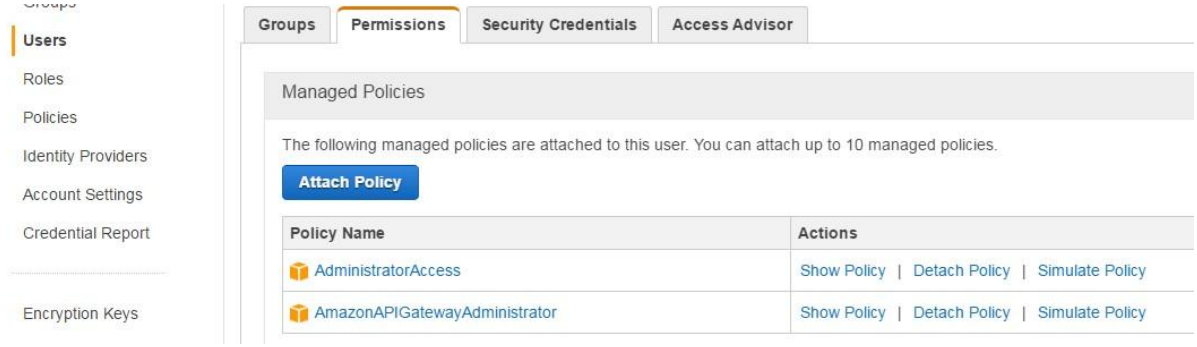


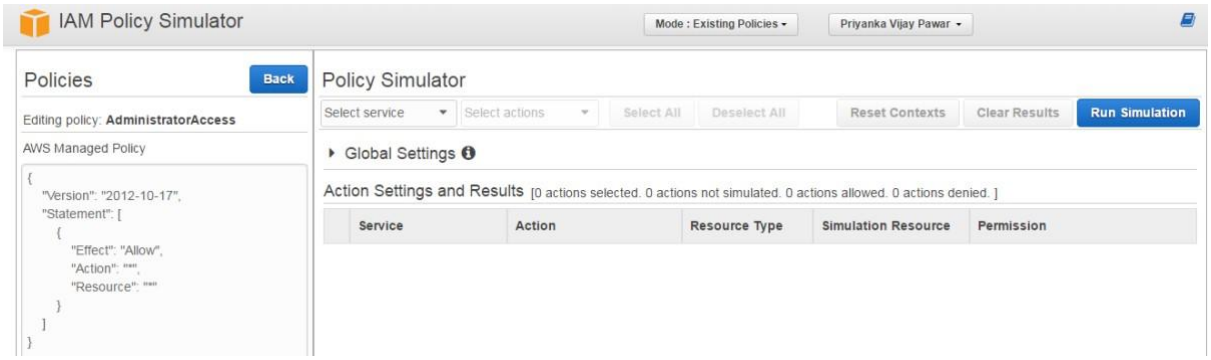


Step 8 :- Setting permissions to users






Users
Roles
Policies
Identity Providers
Account Settings
Credential Report
Encryption Keys
Groups
Permissions
Security Credentials
Access Advisor
Managed Policies
The following managed policies are attached to this user. You can attach up to 10 managed policies.
Attach Policy
Policy Name
Actions
AdministratorAccess
Show Policy | Detach Policy | Simulate Policy
AmazonAPIGatewayAdministrator
Show Policy | Detach Policy | Simulate Policy


IAM Policy Simulator
Mode : Existing Policies
Priyanka Vijay Pawar
Policies
Back
Editing policy: AdministratorAccess
AWS Managed Policy
{
"Version": "2012-10-17",
"Statement": [
{
"Effect": "Allow",
"Action": "*",
"Resource": "*"
}
]
}
Policy Simulator
Select service
Select actions
Select All
Deselect All
Reset Contexts
Clear Results
Run Simulation
Global Settings
Action Settings and Results [0 actions selected. 0 actions not simulated. 0 actions allowed. 0 actions denied.]
Service
Action
Resource Type
Simulation Resource
Permission

Practical No:- 07

Case study on Amazon EC2/Microsoft Azure/Google Cloud Platform.

Output:-