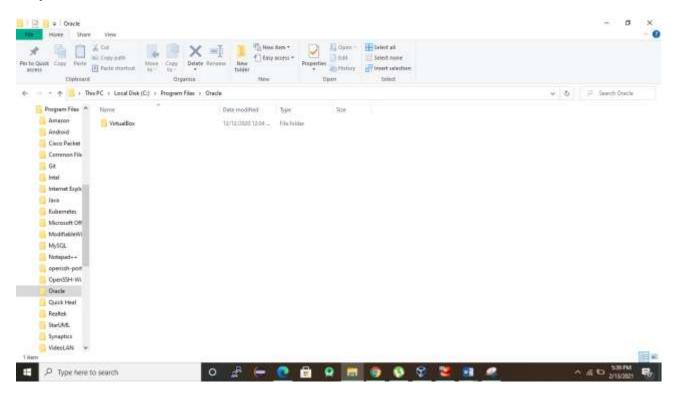
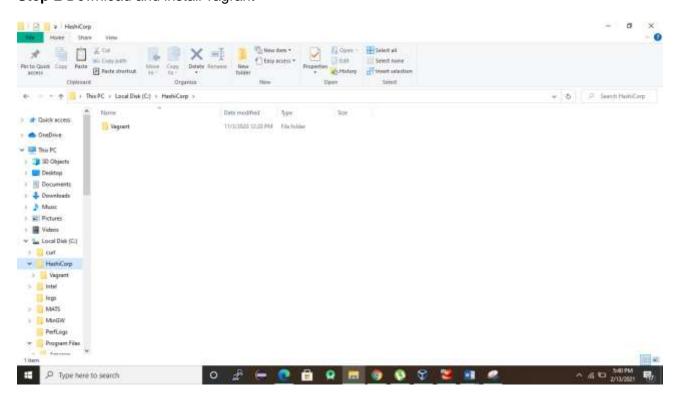
# **EXPERIMENT 1- Vagrant Installation**

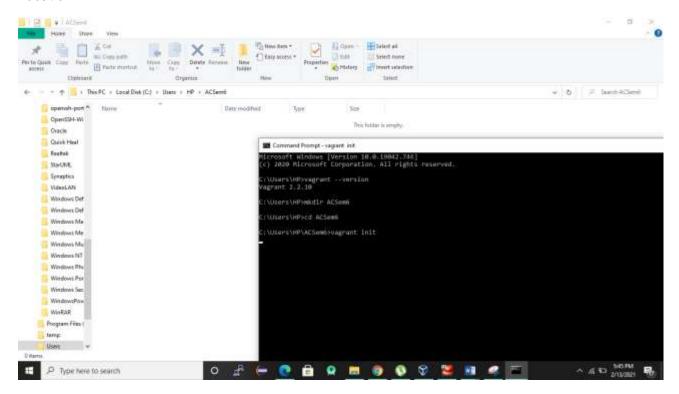
## Step-1 Download and install oracle virtual box



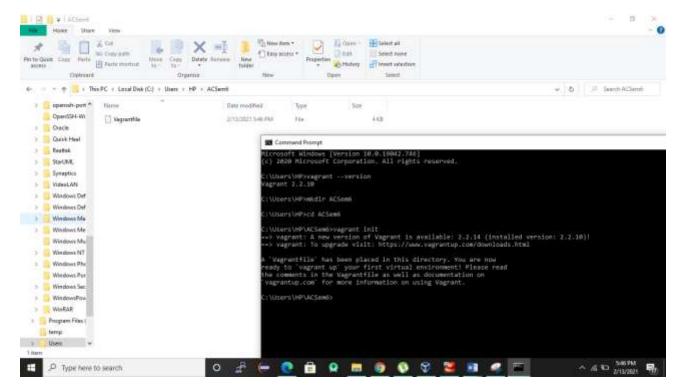
#### Step-2 Download and install vagrant



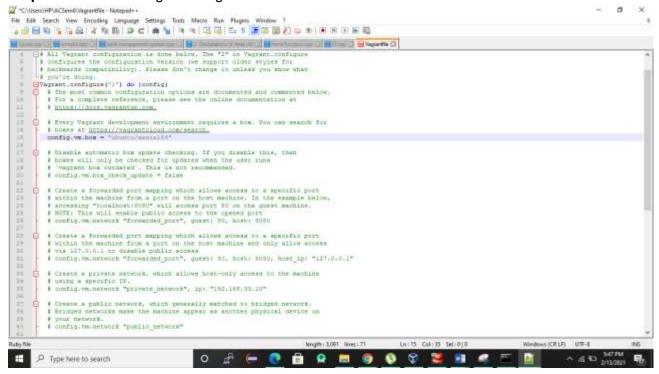
**Step-3** Create a folder using CMD, Go to newly created folder and run vagrant init command. You can see before init command vagrant file is not there in that particular location.



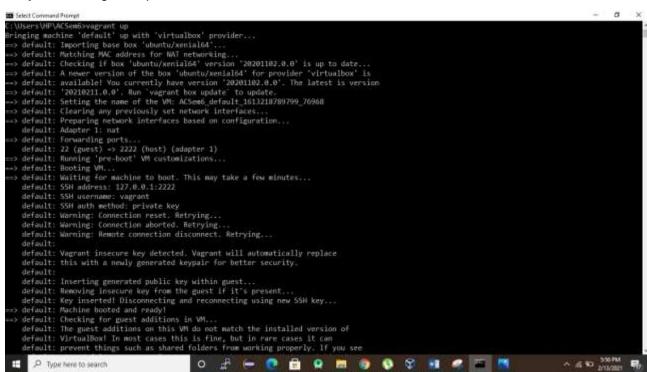
Now, after successful running of vagrant init command, we can find vagrant file in our location.



## Step-4 Make this changes to vagrant file.

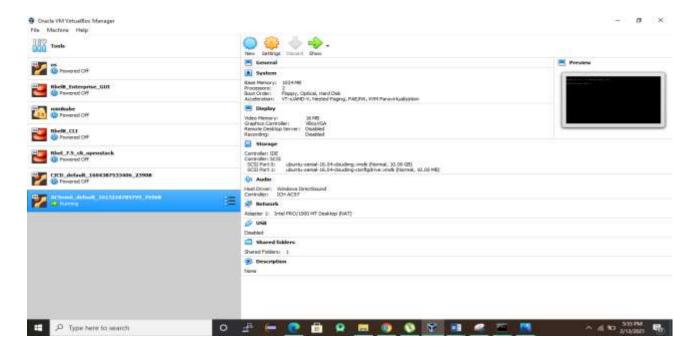


# Step-5 Run vagrant up command



```
default: SSH address: 127.0.0.1:2222
   default: SSH username: vagrant
   default: SSH auth method: private key
   default: Warning: Connection reset. Retrying...
   default: Warning: Connection aborted. Retrying...
   default: Warning: Remote connection disconnect. Retrying...
   default:
   default: Vagrant insecure key detected. Vagrant will automatically replace
   default: this with a newly generated keypair for better security.
   default:
   default: Inserting generated public key within guest...
   default: Removing insecure key from the guest if it's present...
   default: Key inserted! Disconnecting and reconnecting using new SSH key...
=> default: Machine booted and ready!
==> default: Checking for guest additions in VM...
   default: The guest additions on this VM do not match the installed version of
   default: VirtualBox! In most cases this is fine, but in rare cases it can
   default: prevent things such as shared folders from working properly. If you see
   default: shared folder errors, please make sure the guest additions within the default: virtual machine match the version of VirtualBox you have installed on
   default: your host and reload your VM.
   default:
   default: Guest Additions Version: 5.1.38
   default: VirtualBox Version: 6.0
 => default: Mounting shared folders...
   default: /vagrant => C:/Users/HP/ACSem6
C:\Users\HP\ACSem6>
C:\Users\HP\ACSem6>
```

You can see newly created virtual machine of Ubuntu has been set up inside virtual box.



Step 6- Run vagrant ssh command to get the terminal of our newly created virtual machine.

vagrant@ubuntu-xenial:~

C:\Users\HP\ACSem6>
C:\Users\HP\ACSem6>
C:\Users\HP\ACSem6>vagrant ssh
Welcome to Ubuntu 16.04.7 LTS (GNU/Linux 4.4.0-193-generic x86\_64)

\* Documentation: https://help.ubuntu.com
 \* Management: https://landscape.canonical.com
 \* Support: https://ubuntu.com/advantage

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

New release '18.04.5 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

vagrant@ubuntu-xenial:~\$