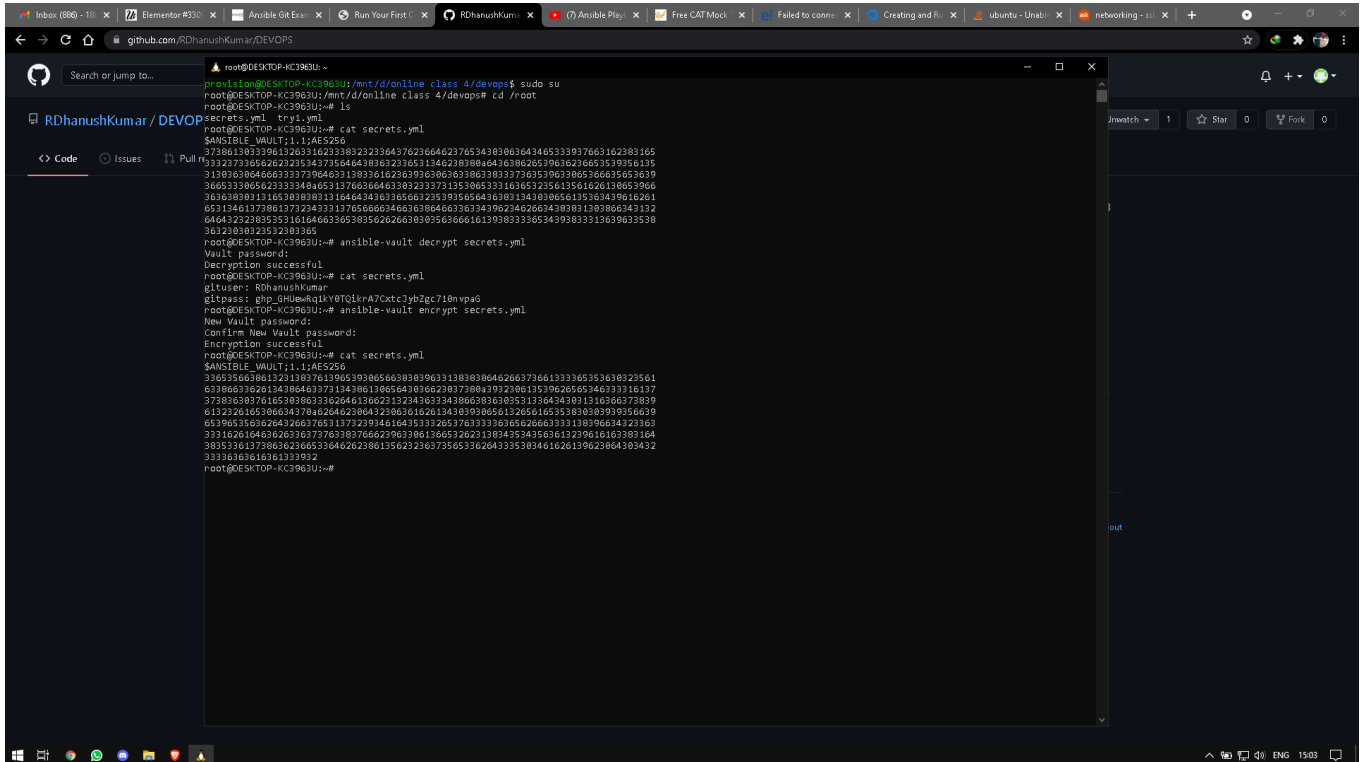
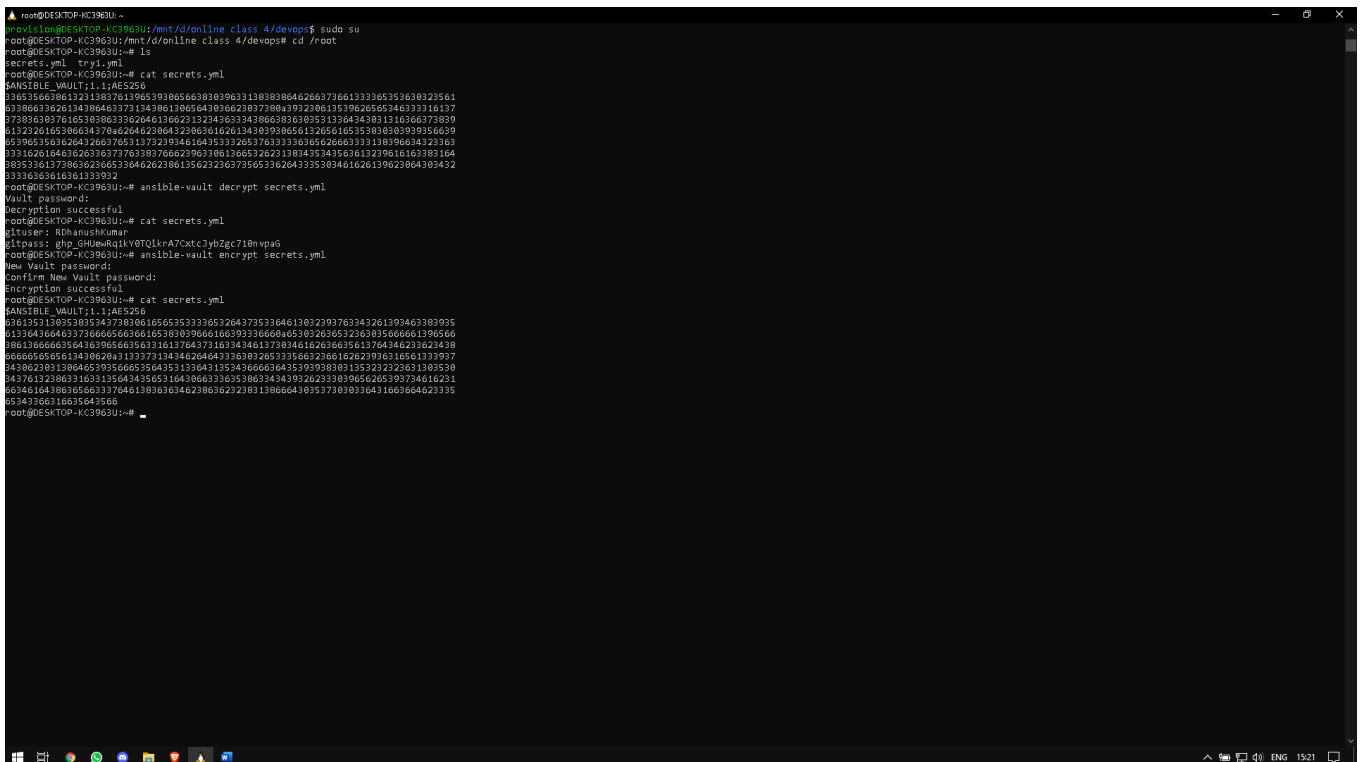


- Creating an ansible folder (ansible vault) and encrypting and decrypting a playbook



The screenshot shows a terminal window with the following commands and output:

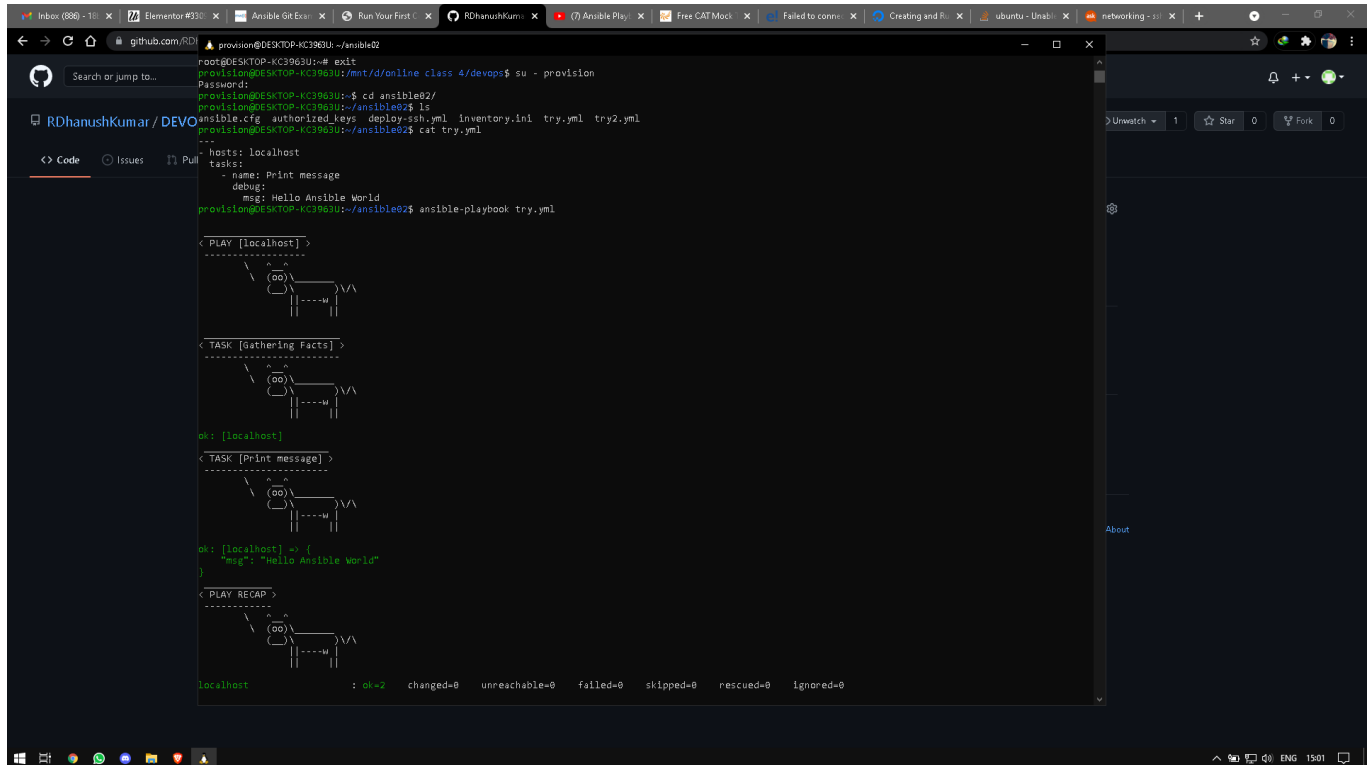
```
root@DESKTOP-KC3963U:~# provision@DESKTOP-KC3963U:/mnt/d/online class 4/devops$ sudo su
root@DESKTOP-KC3963U:/mnt/d/online class 4/devops# cd /root
root@DESKTOP-KC3963U:~# ls
secrets.yml  try1.yml
root@DESKTOP-KC3963U:~# cat secrets.yml
$ANSIBLE_VAULT;1.1;AES256
3786130339612631180376139653930656630396331383838646266373661333365353630323561
63323733656262212334377564643836322365313462383864643638626539636236653539366135
31836386466622272964632180376162623963866383863383373265396330656663563639
3665338656233334046531376636646383233373135386533316365235613561626138653966
3663838313653838313164643436386566323539356564363831343838656135363439616261
653346137861377224393187656663466386466383247962346266438383138386643122
646432238353531616466385385626266383565666161393833346534393833713639633538
3632383832353238365
root@DESKTOP-KC3963U:~# ansible-vault decrypt secrets.yml
Vault password:
Decryption successful
root@DESKTOP-KC3963U:~# cat secrets.yml
gituser: RDhanushKumar
gitpass: ghp_6HUmRq1kY0TQ1krA7CxtCjybZgc710nvpag
root@DESKTOP-KC3963U:~# ansible-vault encrypt secrets.yml
New Vault password:
Confirm New Vault password:
Encryption successful
root@DESKTOP-KC3963U:~# cat secrets.yml
$ANSIBLE_VAULT;1.1;AES256
336535663861323138376139653930656630396331383838646266373661333365353630323561
633866336261343864633731343861386564383662383788639323861353962656534633316137
3788383837616538386338626461366221322436334866383835313643483131866673839
613226165386634378626462386432286361626134383938656132656165353838383939356639
65396535636264326637653137232934616435332653763333865626663333138396634323363
3931626164682638383776393837666238638613665326231383435343563816123961616388383164
388538313738383826653846262386135622235373565336264335383461626139623864383432
3333638361636133932
root@DESKTOP-KC3963U:~#
```



The screenshot shows a terminal window with the following commands and output:

```
root@DESKTOP-KC3963U:~# provision@DESKTOP-KC3963U:/mnt/d/online class 4/devops$ sudo su
root@DESKTOP-KC3963U:/mnt/d/online class 4/devops# cd /root
root@DESKTOP-KC3963U:~# ls
secrets.yml  try1.yml
root@DESKTOP-KC3963U:~# cat secrets.yml
$ANSIBLE_VAULT;1.1;AES256
336535663861323138376139653930656630396331383838646266373661333365353630323561
633866336261343864633731343861386564383662383788639323861353962656534633316137
3788383837616538386338626461366221322436334866383835313643483131866673839
613226165386634378626462386432286361626134383938656132656165353838383939356639
65396535636264326637653137232934616435332653763333865626663333138396634323363
3931626164682638383776393837666238638613665326231383435343563816123961616388383164
388538313738383826653846262386135622235373565336264335383461626139623864383432
3333638361636133932
root@DESKTOP-KC3963U:~# ansible-vault decrypt secrets.yml
Vault password:
Decryption successful
root@DESKTOP-KC3963U:~# cat secrets.yml
gituser: RDhanushKumar
gitpass: ghp_6HUmRq1kY0TQ1krA7CxtCjybZgc710nvpag
root@DESKTOP-KC3963U:~# ansible-vault encrypt secrets.yml
New Vault password:
Confirm New Vault password:
Encryption successful
root@DESKTOP-KC3963U:~# cat secrets.yml
$ANSIBLE_VAULT;1.1;AES256
63613531303538353437883861656535333365326437353364613032393763343261392463883935
6133643664633736665663661653838396661663933366664653832636532363835666661396566
88613866665656438386661663316137643731638461378846162638638613764346223623438
66666565656134862643133773134346464433638326533356632661626293631656133937
34386238313864653935666535643531364313543666636435393838383135322323631383538
3437613286331633135643435653104386633363538633434393262333839656265393734616231
634616438616566337646138383834623863623831386664383537383836431663664623335
6534336631663643566
root@DESKTOP-KC3963U:~#
```

Executing a simple task with playbook



```
root@DESKTOP-KC3963U:~# exit
provision@DESKTOP-KC3963U:/mnt/d/online class 4/devops$ su - provision
Password:
provision@DESKTOP-KC3963U:~/ansible02$ ls
ansible.cfg  authorized_keys  deploy-ssh.yml  inventory.ini  try.yml  try2.yml
provision@DESKTOP-KC3963U:~/ansible02$ cat try.yml
---
- hosts: localhost
  tasks:
    - name: Print message
      debug:
        msg: Hello Ansible World
provision@DESKTOP-KC3963U:~/ansible02$ ansible-playbook try.yml

< PLAY [localhost] >
-----
  \   ^__^
   (oo)\_______
      (__)\       )\/\
         ||----w |
         ||     ||

< TASK [Gathering Facts] >
-----
  \   ^__^
   (oo)\_______
      (__)\       )\/\
         ||----w |
         ||     ||

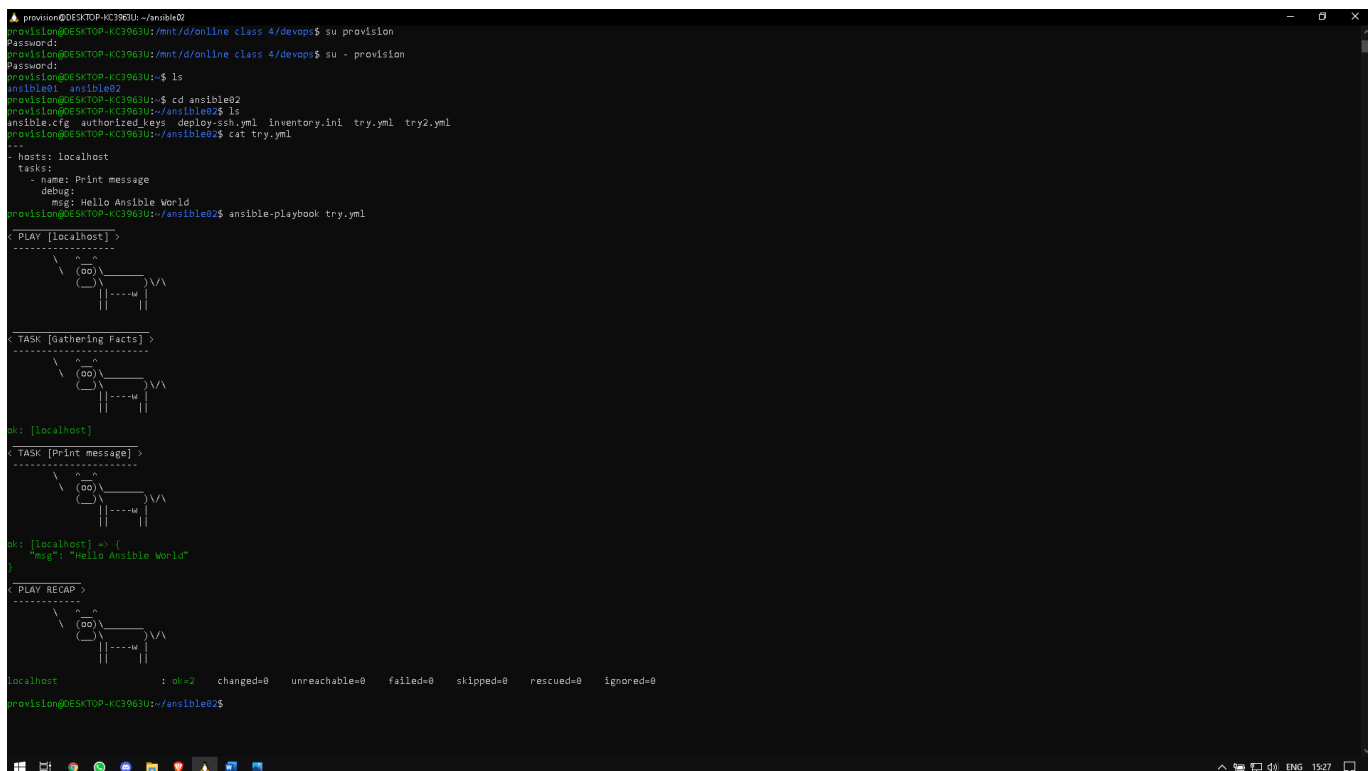
ok: [localhost]

< TASK [Print message] >
-----
  \   ^__^
   (oo)\_______
      (__)\       )\/\
         ||----w |
         ||     ||

ok: [localhost] => {
  "msg": "Hello Ansible World"
}

< PLAY RECAP >
-----
  \   ^__^
   (oo)\_______
      (__)\       )\/\
         ||----w |
         ||     ||

localhost                : ok=2  changed=0  unreachable=0  failed=0  skipped=0  rescued=0  ignored=0
```



```
provision@DESKTOP-KC3963U:~/ansible02$ su provision
Password:
provision@DESKTOP-KC3963U:/mnt/d/online class 4/devops$ su - provision
Password:
provision@DESKTOP-KC3963U:~/ansible02$ ls
ansible01  ansible02
provision@DESKTOP-KC3963U:~/ansible02$ cd ansible02
provision@DESKTOP-KC3963U:~/ansible02$ ls
ansible.cfg  authorized_keys  deploy-ssh.yml  inventory.ini  try.yml  try2.yml
provision@DESKTOP-KC3963U:~/ansible02$ cat try.yml
---
- hosts: localhost
  tasks:
    - name: Print message
      debug:
        msg: Hello Ansible World
provision@DESKTOP-KC3963U:~/ansible02$ ansible-playbook try.yml

< PLAY [localhost] >
-----
  \   ^__^
   (oo)\_______
      (__)\       )\/\
         ||----w |
         ||     ||

< TASK [Gathering Facts] >
-----
  \   ^__^
   (oo)\_______
      (__)\       )\/\
         ||----w |
         ||     ||

ok: [localhost]

< TASK [Print message] >
-----
  \   ^__^
   (oo)\_______
      (__)\       )\/\
         ||----w |
         ||     ||

ok: [localhost] => {
  "msg": "Hello Ansible world"
}

< PLAY RECAP >
-----
  \   ^__^
   (oo)\_______
      (__)\       )\/\
         ||----w |
         ||     ||

localhost                : ok=2  changed=0  unreachable=0  failed=0  skipped=0  rescued=0  ignored=0
provision@DESKTOP-KC3963U:~/ansible02$
```