

Team - 03

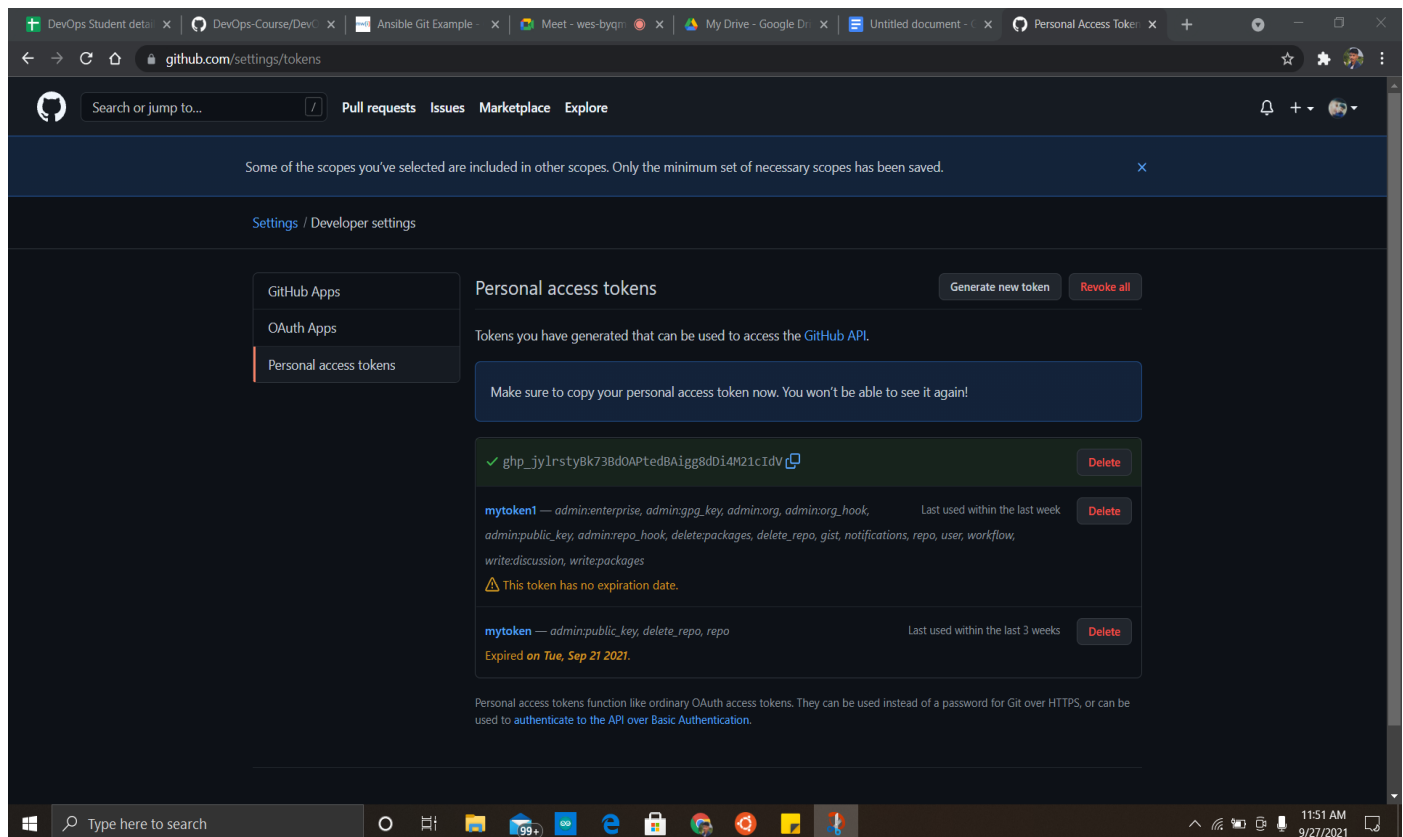
Nikhil S A (18BEC033)
Jagadeesh C (18BCS033)
Arun Kumar S M (18BCS013)

Nithin R (18BEC034)
Kiran D (18BEC022)
Jeevan R H (18BEC017)

Assignment-2:

Ansible Playbook Exercise.

Step1: Creating a personal access token.



Step2: Creating an Ansible vault to Store the Git username and token.

```

nikhil@Nikhil: ~
gituser: ambigarnikhil
gitpass: ghp_jyl...8dDi4M21cIdV
-- INSERT --
2.50 All

```

```

nikhil@Nikhil: ~
/home/nikhil/.hushlogin file.
nikhil@Nikhil:~$
nikhil@Nikhil:~$
nikhil@Nikhil:~$
nikhil@Nikhil:~$
nikhil@Nikhil:~$
nikhil@Nikhil:~$
nikhil@Nikhil:~$ ansible --version
ansible 2.9.6
  config file = /etc/ansible/ansible.cfg
  configured module search path = ['/home/nikhil/.ansible/plugins/modules', '/usr/share/ansible/plugins/modules']
  ansible python module location = /usr/lib/python3/dist-packages/ansible
  executable location = /usr/bin/ansible
  python version = 3.8.10 (default, Jun  2 2021, 10:49:15) [GCC 9.4.0]
nikhil@Nikhil:~$ ansible-vault create secretes.yml
New Vault password:
Confirm New Vault password:
nikhil@Nikhil:~$ cat secretes.yml
$ANSIBLE_VAULT;1.1;AES256
396266643335643038313537666632633734666162383439343166306562626637313661313339
6237646534386339353736323039653031616236316261330a386436366336626131376464303930
32666431333539356331666261366262656236323637653936616239336331353639386330646538
3361633863616333620a333962313138316637303037623831333862613331346335636662333839
39393931346430626461386264656462386339303432613532323637393435643661613232346234
39656662303363376235393932623234366539376631313435316261616137643261663361653631
623365333063373562333836336364653238306239653330663935333931353831646435643335
38333365376233333364
nikhil@Nikhil:~$

```

```
nikhil@Nikhil: ~
After this operation, 93.2 kB of additional disk space will be used.
Get:1 http://archive.ubuntu.com/ubuntu focal/universe amd64 cowsay all 3.03+dfsg2-7 [18.5 kB]
Fetched 18.5 kB in 6s (2901 B/s)
Selecting previously unselected package cowsay.
(Reading database ... 41666 files and directories currently installed.)
Preparing to unpack .../cowsay_3.03+dfsg2-7_all.deb ...
Unpacking cowsay (3.03+dfsg2-7) ...
Setting up cowsay (3.03+dfsg2-7) ...
Processing triggers for man-db (2.9.1-1) ...
nikhil@nikhil:~$ echo "this is encrypted now"|cowsay

< this is encrypted now >
  \      ^__^
  \      (oo)\_______
      (__)\       )\/\
         ||----w |
         ||     ||

nikhil@nikhil:~$ echo "To Decrypt it you can use decrypt command"|cowsay

/ To Decrypt it you can use decrypt \
\ command
-----
  \      ^__^
  \      (oo)\_______
      (__)\       )\/\
         ||----w |
         ||     ||

nikhil@nikhil:~$ ansible-vault decrypt secrets.yml
Vault password:
ERROR! Unable to read source file (/home/nikhil/secrets.yml): [Errno 2] No such file or directory: '/home/nikhil/secrets.yml'
nikhil@nikhil:~$ ansible-vault decrypt secretes.yml
Vault password:
Decryption successful
nikhil@nikhil:~$ cat secretes.yml
gituser: ambigarnikhil
gitpass: ghp_jylrsty8K73Bd0APtd8Aig8dD14M21cIdv

nikhil@nikhil:~$
```

```
nikhil@Nikhil: ~
nikhil@nikhil:~$ echo "see it is decrypted"|cowsay

< see it is decrypted >
  \      ^__^
  \      (oo)\_______
      (__)\       )\/\
         ||----w |
         ||     ||

nikhil@nikhil:~$ echo "to edit it use edit with vauly command"|cowsay

< to edit it use edit with vauly command >
  \      ^__^
  \      (oo)\_______
      (__)\       )\/\
         ||----w |
         ||     ||

nikhil@nikhil:~$ echo "to edit it use edit with vault command"|cowsay

< to edit it use edit with vault command >
  \      ^__^
  \      (oo)\_______
      (__)\       )\/\
         ||----w |
         ||     ||

nikhil@nikhil:~$ ansible-vault encrypt secrets.yml
New Vault password:
Confirm New Vault password:
ERROR! Unable to read source file (/home/nikhil/secrets.yml): [Errno 2] No such file or directory: '/home/nikhil/secrets.yml'
nikhil@nikhil:~$ ansible-vault encrypt secretes.yml
New Vault password:
Confirm New Vault password:
Encryption successful
nikhil@nikhil:~$ ansible-vault edit secretes.yml
Vault password:
nikhil@nikhil:~$ echo "when ever you decrypt you need to encrypt it"|cowsay

/ when ever you decrypt you need to \
\ encrypt it
-----
  \      ^__^
  \      (oo)\_______
      (__)\       )\/\
         ||----w |
         ||     ||

nikhil@nikhil:~$ echo "ansible-vault edit command would work only with the encrypted files"|c
Display all 281 possibilities? (y or n)
```


we can see webpage