Batch Number :- B.N013/25-AWS & Devops

Name:- Laxmi Swami

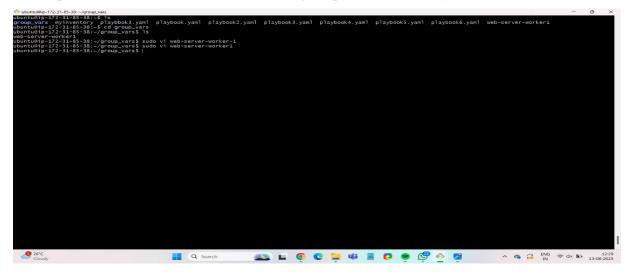
Topic :- Host_Scope Variable

Assignment No :- 04

TASK: Write multiple playbooks for host scope variable. There are two types single host scope and multiple host scope.

STEP 1: Create 3 instance and connect with gitbash

STEP 2: Create two folders i.e group_vars create one file inside group_vars name web-server-worker1 and inside that file mention some variable with description. Define file name same as group name which you want.



In that web-server-worker1 mention variables:

For creating user we define

a :name

b: password

c: path

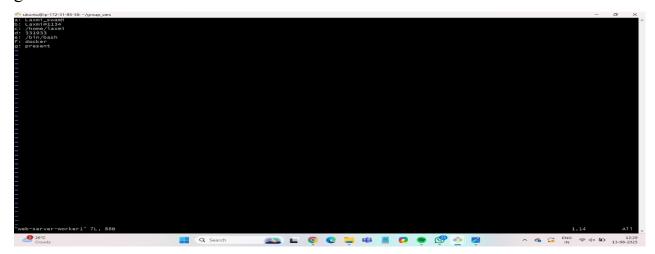
d: uid

e:shell

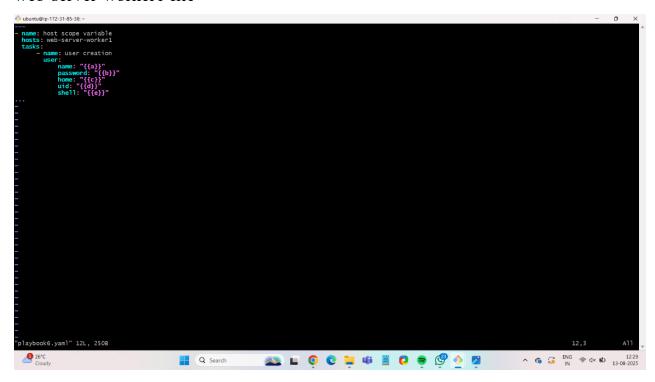
For installing Docker Package

f: package_name

g: state



Playbook6.yaml file we write plays with the help of variable which we define in web-server-worker1 file



STEP 3:- Now you're setup is done now write some playbook and run them using command ansible-playbook playbook.yaml -b

```
Demokracy 1: 2-31.-8-3 -8: degroup_vars
blubuntualp=1/2-31.-8-3 -8: degroup_va
```

Output:

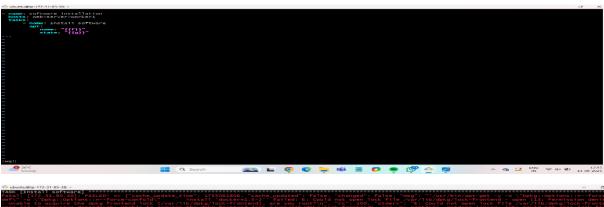
```
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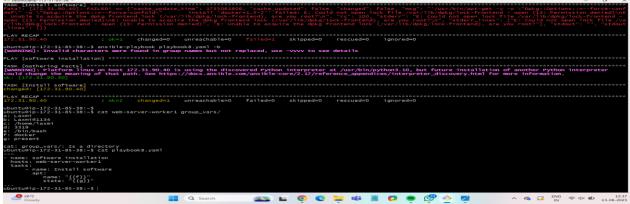
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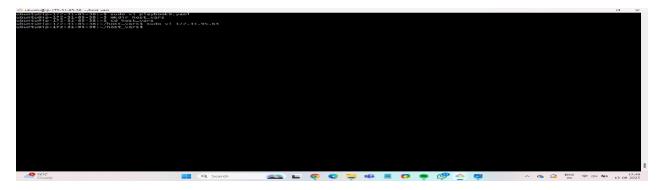
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```

Playbook7.yaml for install package

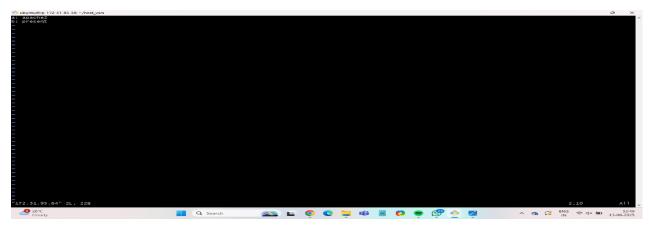




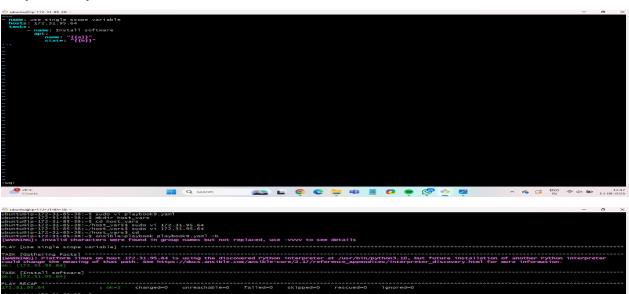
Now in host_vars create file with private IP of worker node and mention some variables in it. It is use for only one specific host.



In that 172.31.95.64 file we define variables

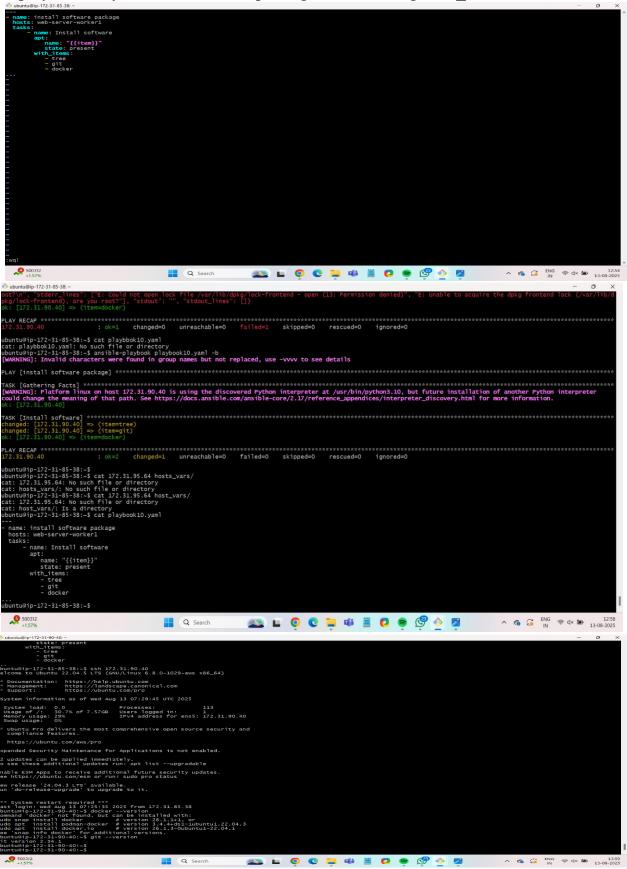


Playbook9.yaml

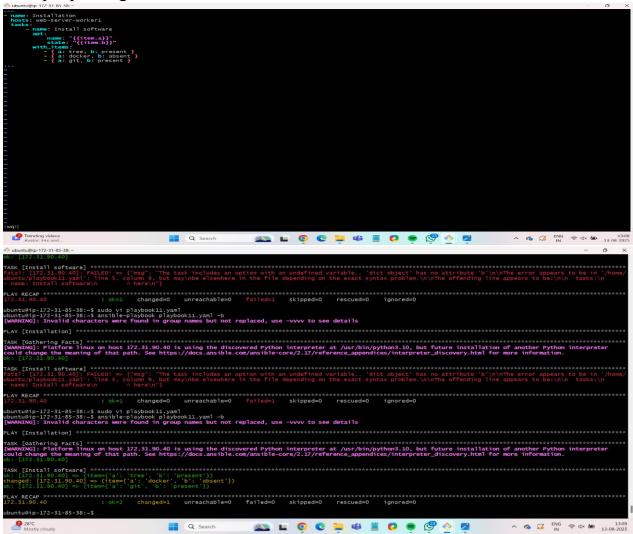


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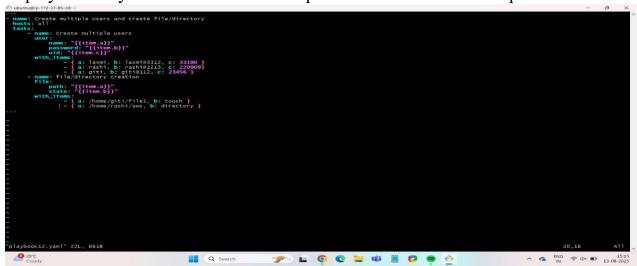
Implementing Loop: we can execute one modules multiple times using loops. In playbook10.yaml we execute 3 package at time using with_items

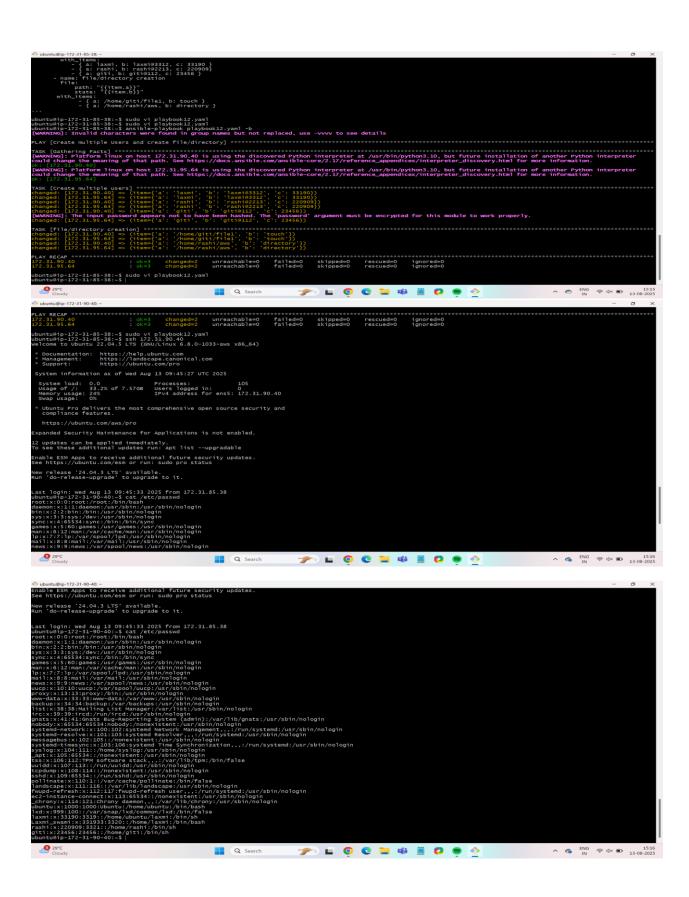


In above playbook we only execute one module multiple time but using variable in that item we can execute multiple module task multiple time like we execute multiple plackage and also execute state:



In playbook12.yaml we can create multiple users and execute multiple module task:





```
- www.r--r-- 1 root root 0 Aug 13 05:31 authorized_keys
drwxr-x-- 2 laxmi laxmi 4096 Aug 13 05:54 laxmi
ubuntu@ip-172-31-90-40:-5 cd etc/passwd
-bash: cd: etc/passwd: No such file or directory
ubuntu@ip-172-31-90-40:-5 ls
authorized_keys laxmi
ubuntu@ip-172-31-90-40:-5 cd etc/passwd:
ubuntu@ip-172-31-90-40:-5 cd ...
ubuntu@ip-17
        ashi wami
6 ubuntu u
iti laxmi rashi ubuntu
ls
lel
cd
    cd
exit
buntu8ip=172-31-90-40:/home$ cd
buntu8ip=172-31-90-40:/s exit
opout
opout
opout
opout
opout
opout
opout
puntu8ip=172-31-85-38:-$ is
proup_vars myinventory playbook.yaml playbook11.yaml playbook2.yaml playbook4.yaml playbook6.yaml playbook8.yaml web-server-worker1
nost_vars playbook3.yaml playbook10.yaml playbook12.yaml playbook5.yaml playbook5.yaml playbook7.yaml playbook9.yaml
buntu8ip=172-31-85-38:-$ |

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♦ ubuntu@in-172-31-85-38: ~