Using Scripts for System Administration Tasks

Task. Create a script 'file.sh' to run Ansible Ad-Hoc commands for the following tasks.

- Create one file **/root/redhat/ex294/results** on **prod nodes**.
- Configure **full permissions at group level** and **read/execution** for others.
- Set **mark** as **user and group owner**.
- Create a symbolic link in **/root** directory with default name.

```
vim file.sh
ansible prod -m file -a "path=/root/redhat/ex294 state=directory" --become
ansible prod -m file -a "path=/root/redhat/ex294/results mode=g+rwx,o+rx owner=mark group=mark state=touch" --become
ansible prod -m file -a "src=/root/redhat/ex294/results  dest=/root/results state=link" --become
:wq

Execute Command/Script as ansible user:
chmod +x file.sh
./file.sh
```

Task. Create a script 'user.sh' to run Ansible Ad-Hoc commands for the following tasks.

- Create user with username **rhce** on all managed nodes and set password as **rhce_pass**(Use encryption SHA512).
- Create group with name **ex294** and assign this as supplementary group to this user.
- Use **UID as 2021**.

vim **user.sh**
ansible **all** -m **group** -a "name=ex294 state=present" **--become**
ansible **all** -m **user** -a "name=rhce password='{{ 'rhce_pass' | password_hash('sha512') }}' groups=ex294 uid=2021" **--become**
:wq

Execute Command/Script as ansible user:
chmod +x user.sh
./user.sh