Create an ansible vault password file called **lock.yml** with the password **reallysafepw** in the **/home/ansible/automation** directory. In the **lock.yml** file define two variables. One is **pw_dev** and the password is '**dev**' and the other is **pw_mgr** and the password is '**mgr**'
Create a regular file called **secret.txt** which contains the **password for lock.yml.**

Create the users in the file **users_list.yml** file provided. Do this in a playbook called **users.yml** located at **/home/ansible/automation**. The passwords for these users should be set using the **lock.yml** file. When running the playbook, the lock.yml file should be unlocked with **secret.txt** file
All users with the job of '**developer**' should be created on the **app**, add them to the group **devops**, their password should be set using the **pw_dev** variable. Likewise create users with the job of '**manager**' on the **db** and add the users to the group '**managers**', their password should be set using the **pw_mgr** variable.

users.yaml

```
  users:
              - name: bob
                job: developer
              - name: sally
                job: manager
              - name: fred
                job: developer
```

Answer:

ansible-vault create lock.yml   #Create lock file

pw_dev: dev
pw_mgr: mgr

vi secret.txt #Store vault password

reallysafepw

ansible-vault view lock.yml --vault-password-file=secret.txt

vi users_list.yml   # Create user list

users:

 - name: bob

   job: developer

 - name: sally

   job: manager

 - name: fred

   job: developer

```
vi users.yml                          #Create playbook

---

- name: Create developer users

  hosts: app

  vars_files:

    - lock.yml

    - users_list.yml

  tasks:

    - name: Create devops groups

      group:

        name: devops

        state: present

    - name: Create developer users

      user:

        name: "{{ item.name }}"

        group: devops

        password: "{{ pw_dev | password_hash ('sha512') }}"

        state: present

      when: item.job == 'developer'

      loop: "{{ users }}"

- name: Create manager user

  hosts: db

  vars_files:

    - lock.yml

    - users_list.yml

  tasks:

    - name: create opsmgr group

      group:

        name: opsmgr
```

```yaml
      state: present
  - name: Create manager user
    user:
      name: "{{ item.name }}"
      group: opsmgr
      password: "{{ pw_mgr | password_hash ('sha512') }}"
      state: present
    when: item.job == 'manager'
    loop: "{{ users }}"
```

```
ansible-playbook users.yml --vault-password-file=secret.txt -C    #Check playbook
ansible-playbook users.yml --vault-password-file=secret.txt       #Run playbook
```