

- 1). Create a playbook webcontent.yml and it should run on dev group.
- i) Create a directory /devweb and it should be owned by devops group.
 - ii) /devweb directory should have context type as "httpd"
 - iii) Assign the permission for user=rwx,group=rwx,others=rx and group special permission should be applied to /devweb.
 - iv) Create an index.html file under /devweb directory and the file should have the content "Development".
 - v) Link the /devweb directory to /var/www/html/devweb.

```
# vim /home/student/ansible/webcontent.yml
```

```
----
- name: create a link
  hosts: dev
  tasks:
- name: create a directory
  ansible.builtin.file:
    path: /devweb
    state: directory
    group: devops
    mode: '02775'
    setype: httpd_sys_content_t
- name: create a file
  ansible.builtin.file:
    path: /devweb/index.html
    state: touch
- name: copy the contents to index.html
  ansible.builtin.copy:
    content: "Development\n"
    dest: /devweb/index.html
- name: link the directory
  ansible.builtin.file:
    src: /devweb
    dest: /var/www/html/devweb
    state: link
```

- 2). Install packages in multiple group.
- i) Install vsftpd and mariadb-server packages in dev and test group.
 - ii) Install "RPM Development Tools" group package in prod group.
 - iii) Update all packages in dev group.
 - iv) Use separate play for each task and playbook name should be packages.yml.

```
# vim packages.yml
```

```
----
- name: Package installation
  hosts: dev,test
  tasks:
- name: installing php and mariadb-server
  ansible.builtin.dnf:
    name:
      - vsftpd
      - mariadb-server
    state: present - name: group package installation
  hosts: prod
  tasks:
- name: installing group package 'Development tools'
  ansible.builtin.dnf:
    name: '@RPM Development Tools'
```

```
state: present- name: update packages
hosts: dev
tasks:
- name: updating all
  ansible.builtin.dnf:
    name: '*'
    state: latest
```