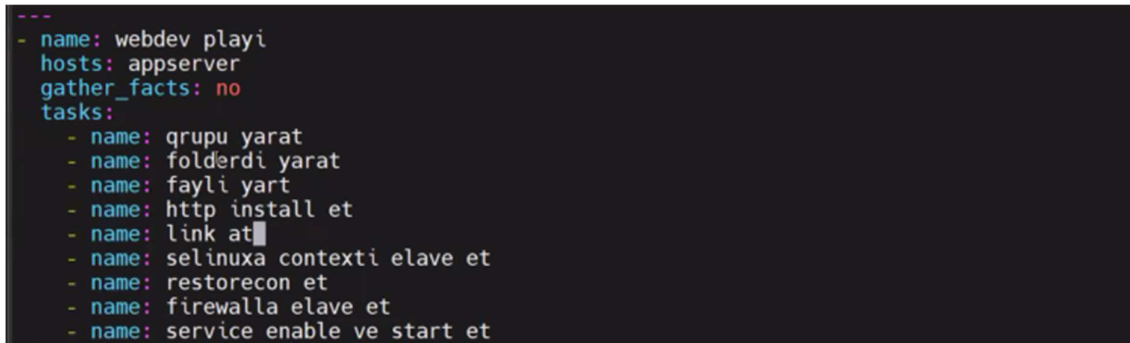
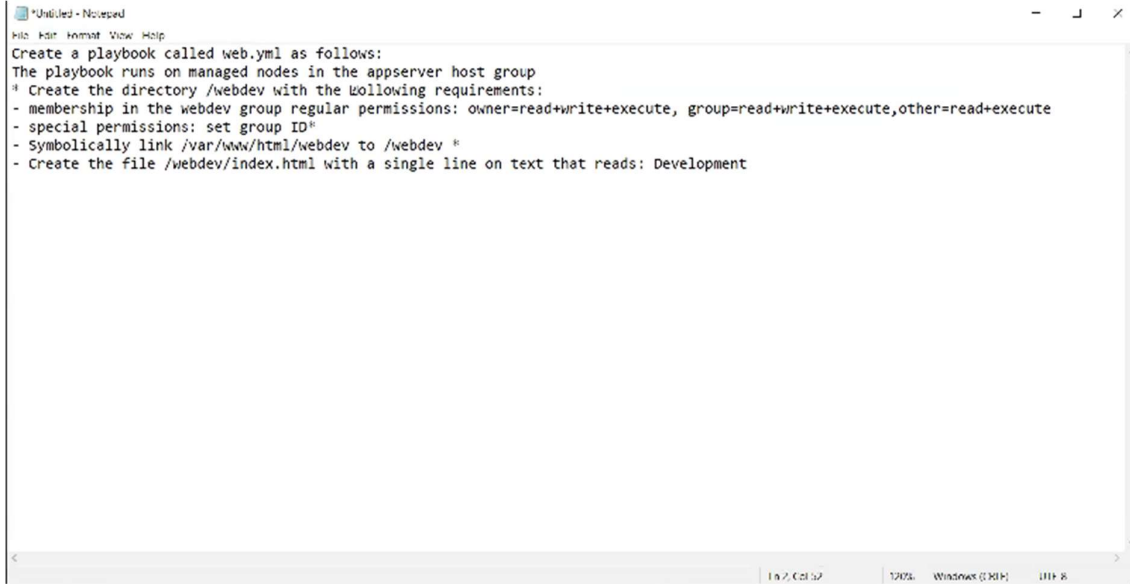


## Web-dev



web.yml adında playbook qururuq.

```
cd /home/sandy/ansible  
vim web.yml
```

playbook appserver host group üçün çalıştırırıq.

```
---  
- name: webdev playi  
  hosts: appserver  
  gather_facts: no
```

webdev group -u qururuq.

```
- name: qrupu yarat  
  ansible.builtin.group:  
    name: webdev  
    state: present
```

/webdev directory-si qururuq,owner-i dəyişirik, basic və special permission veririk.

```
- name: folderdi yarat  
  ansible.builtin.file:  
    path: /webdev  
    group: webdev  
    mode: '2775'  
    state: directory
```

/webdev/index.html faylında Devolopment sözünü yazırıq.

```
- name: fayli yarat  
  copy:  
    content: "Development"  
    dest: /webdev/index.html
```

Httpd install et.

```
- name: httpd install et  
  ansible.builtin.yum:  
    name: httpd  
    state: latest
```

/webdev -i /var/www/html/webdev → simbolik link edirik.

```
- name: link at
  file:
    src: /webdev
    dest: /var/www/html/webdev
    state: link
```

selinux -a context -l əlavə et.

```
- name: selinuxa contexti əlavə et
  community.general.sefcontext:
    target: '/webdev(/.*)?'
    setype: httpd_sys_content_t
    state: present
```

restorecon et.

```
- name: restorecon et
  ansible.builtin.command: restorecon -irv /webdev
```

firewall -a əlavə et.

```
- name: firewalla əlavə et
  ansible.posix.firewalld:
    service: http
    permanent: true
    state: enabled
    immediate: true
```

service enable və start et.

```
- name: service enable və start et
  ansible.builtin.service:
    name: httpd
    state: started
    enabled: yes
```

semanage üçün əlavə paket yüklənməlidir. Paketi tapa bilmədiyi üçün error verir.

```
TASK [selinuxa contexti elave et] *****
An exception occurred during task execution. To see the full traceback, use -vvv. The error was: ModuleNotFoundError: No module named 'seobject'
fatal: [192.168.149.150]: FAILED! => {"changed": false, "msg": "Failed to import the required Python library (polycoreutils-python) on localhost.localdomain's Python /usr/bin/python3. Please read the module documentation and install it in the appropriate location. If the required library is installed, but Ansible is using the wrong Python interpreter, please consult the documentation on ansible_python_interpreter"}
```

paketi yükləyirik.

```
- name: dependency paketi yukle
  yum:
    name: polycoreutils-python-utils
    state: present
```

## Encrypt

```
ansible-vault --help
```

```
ansible-vault create secret.yml
```

```
1234
```

```
1234
```

```
app_pass: 12345
db_pass: 54321
```

```
ansible-vault edit secret.yml – editləmək üçün
```

```
ansible-vault view secret.yml – cat etmək üçün
```

```
echo 1234 > test
```

```
ansible-playbook debug.yml --vault-passwd-file=testğ
```

```
echo "a=100" > test2.txt
```

```
ansible-vault encrypt test2.txt
```

```
cat test2.txt
```

```
ansible-vault decrypt test2.txt
```

```
ansible-vault rekey secret.yml
```