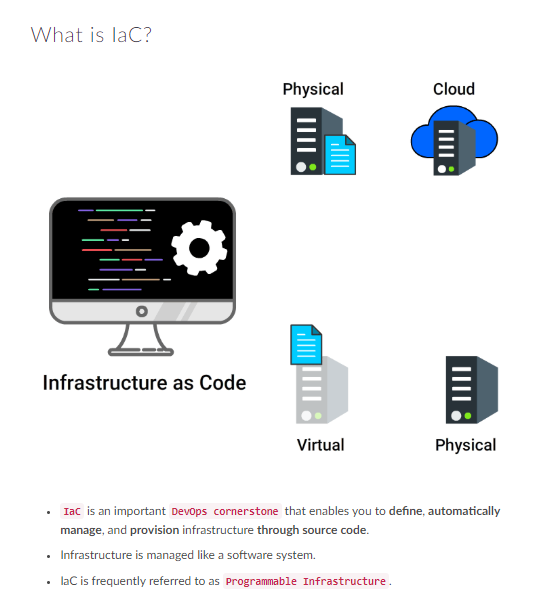
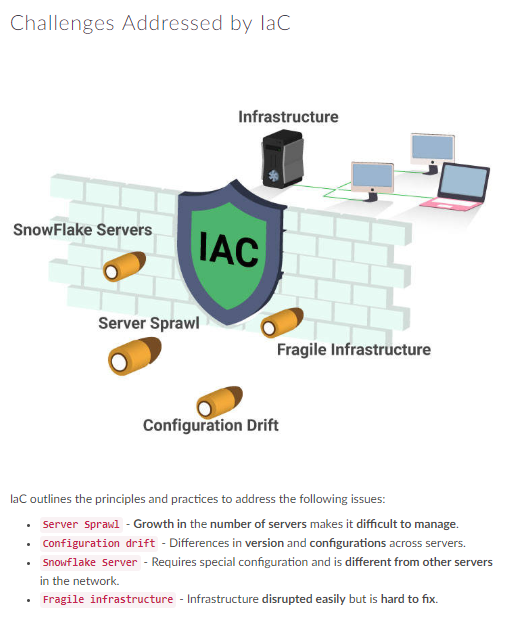
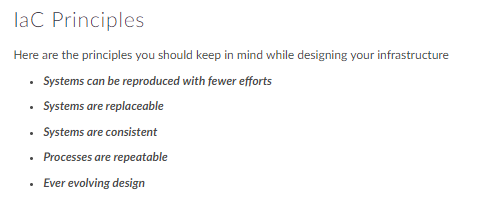
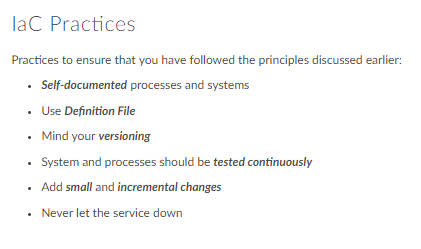
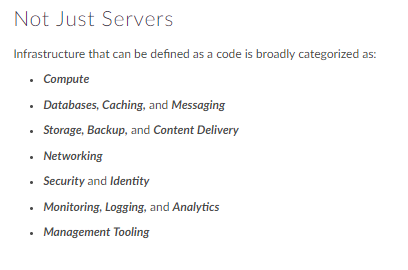
Infrastructure As code:





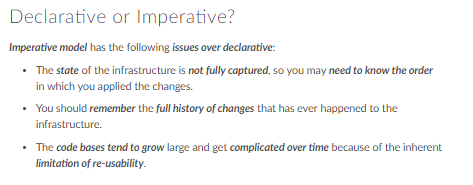


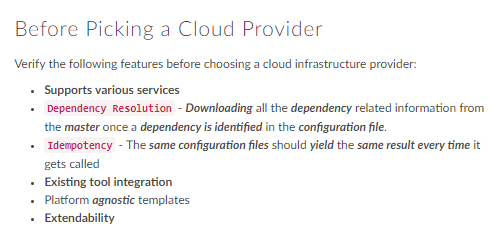


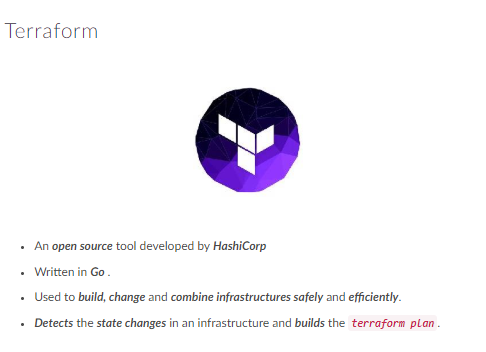


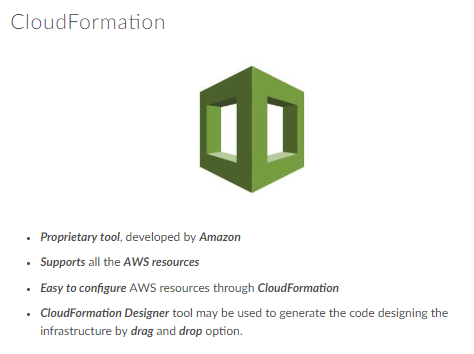


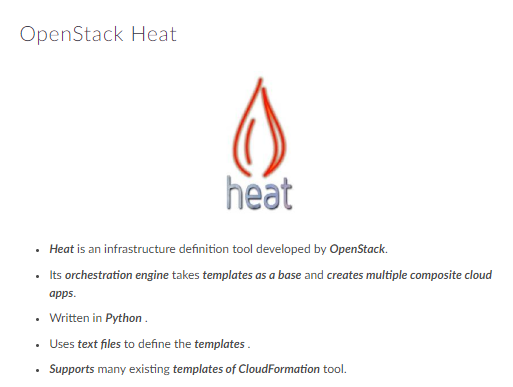


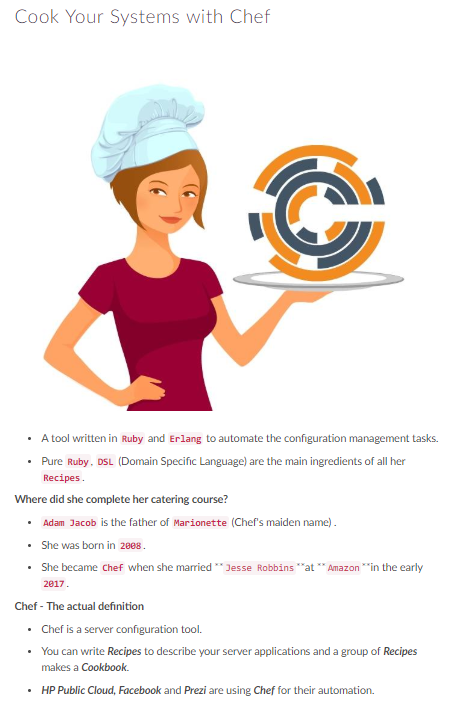


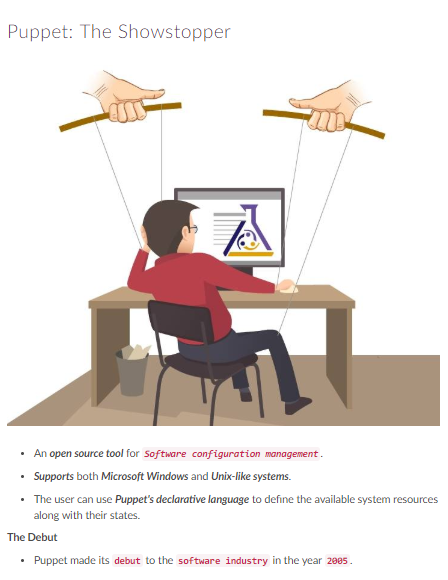






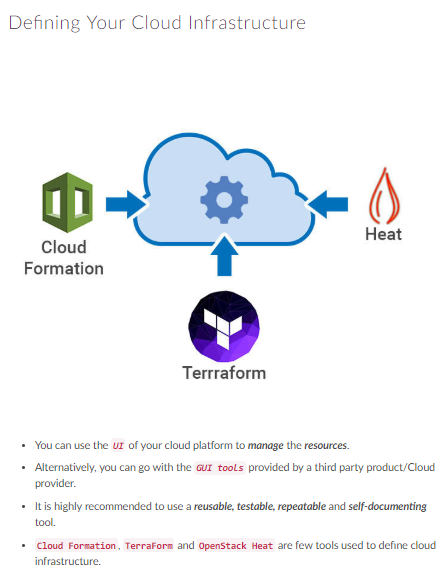




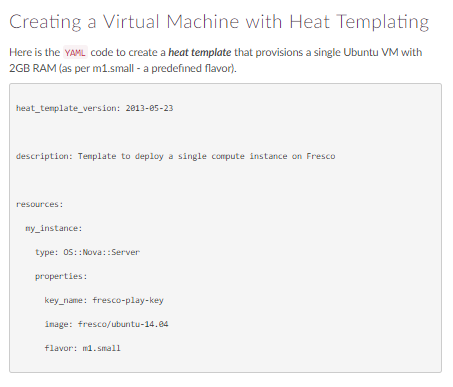


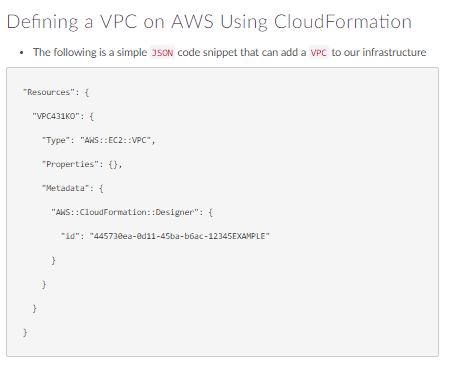


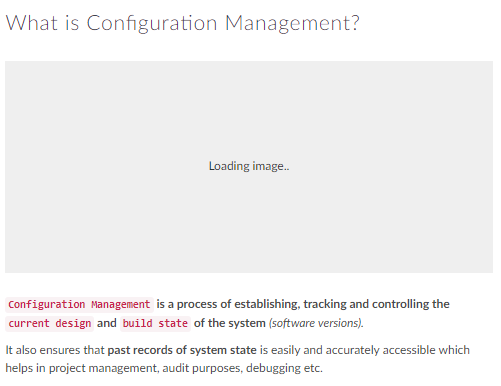


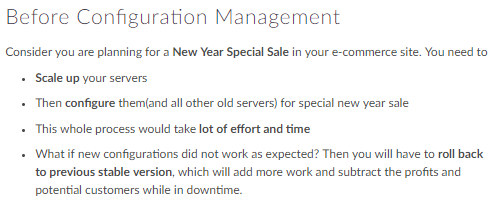


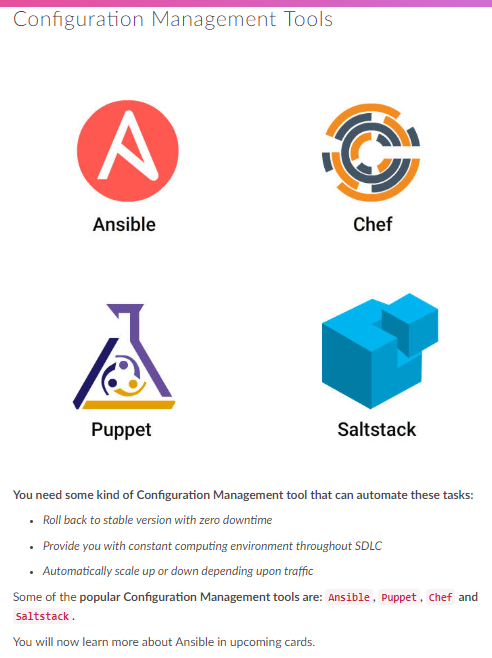




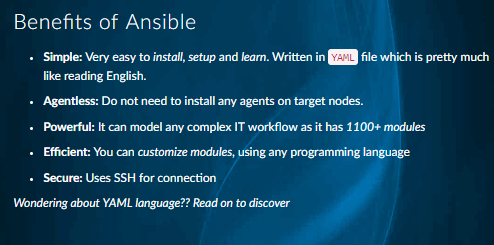


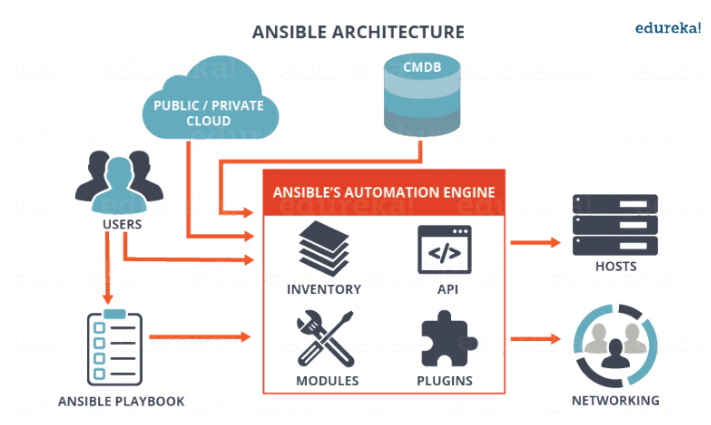


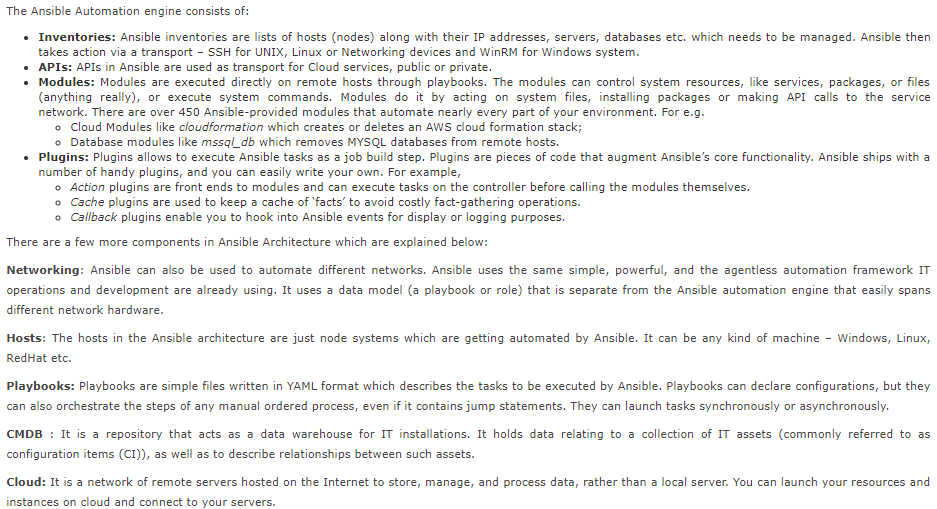


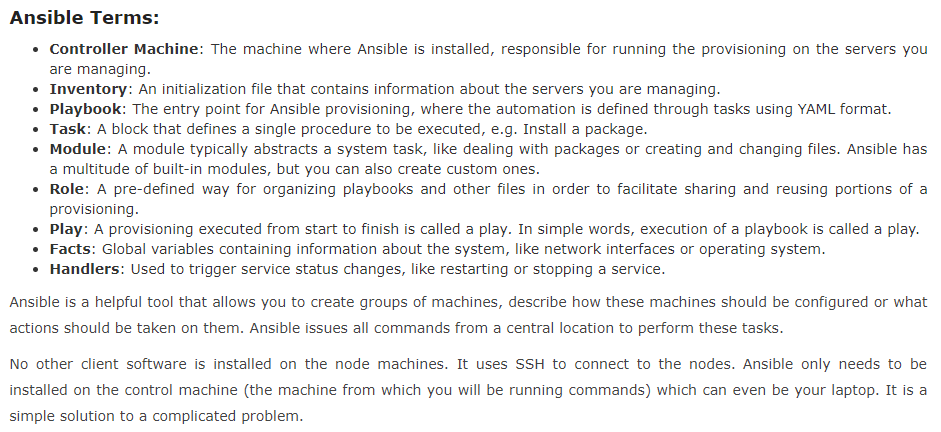




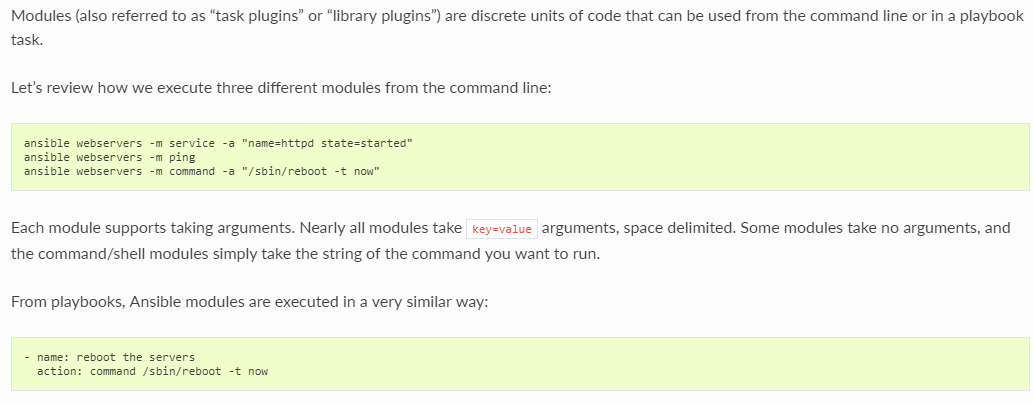




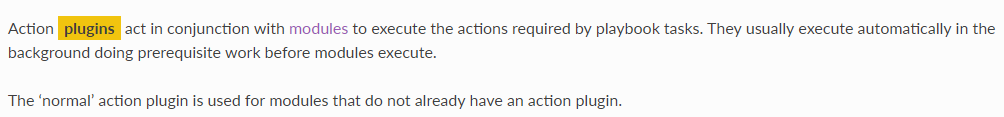




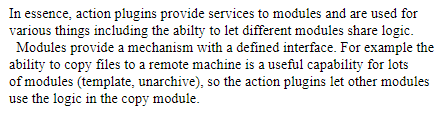
Modules :

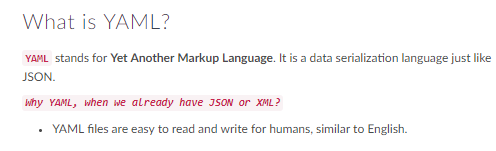


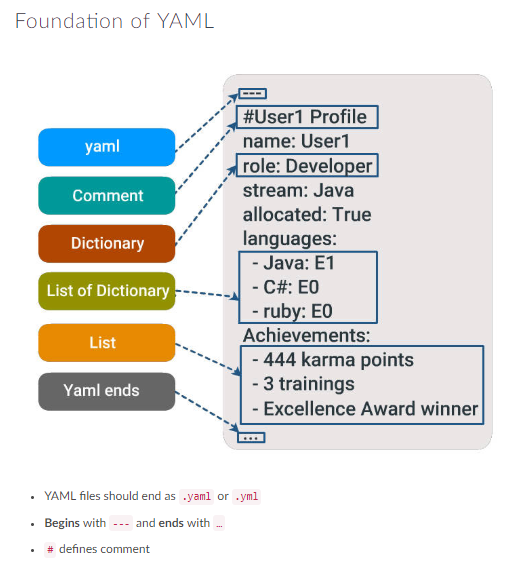
Action plugin:

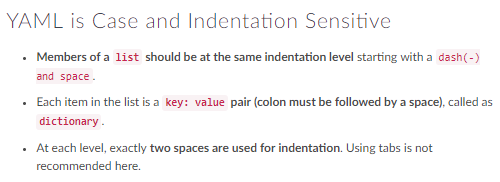


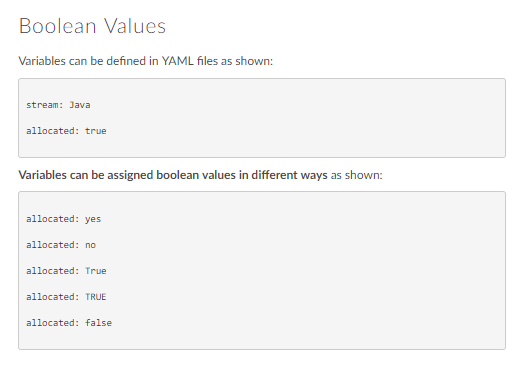
Difference between modules and action plugin :

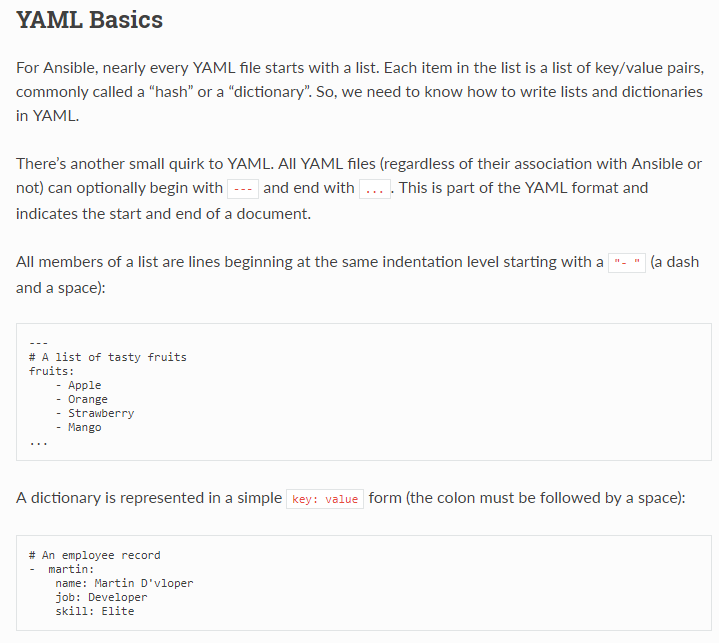


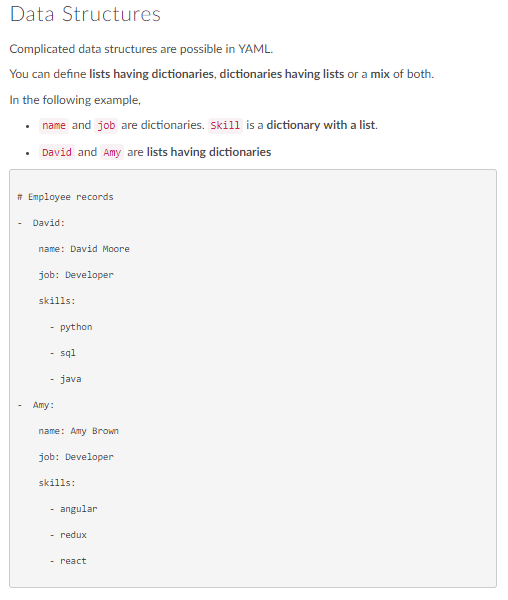


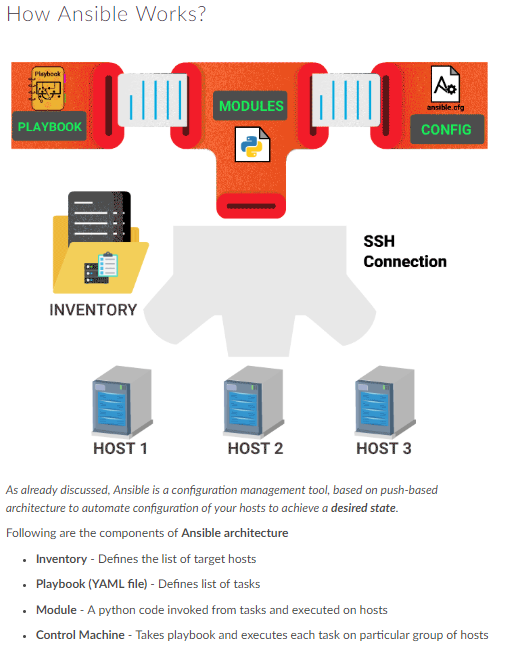


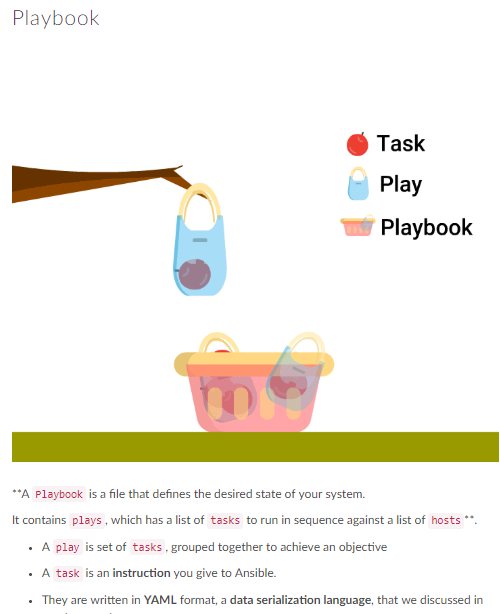


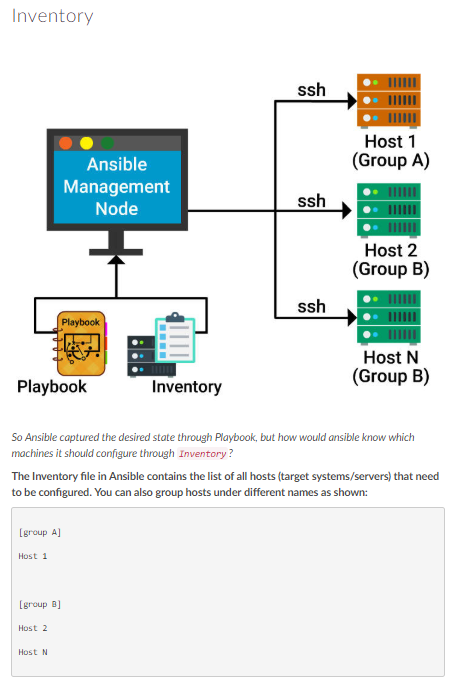


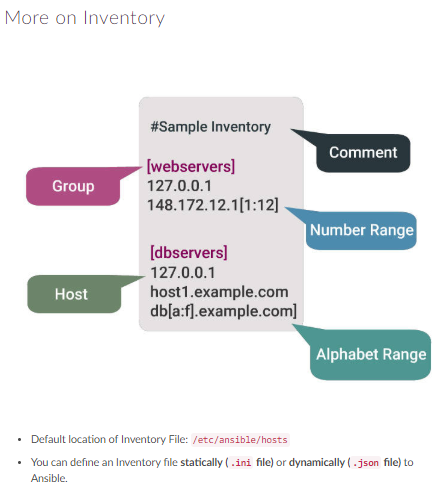


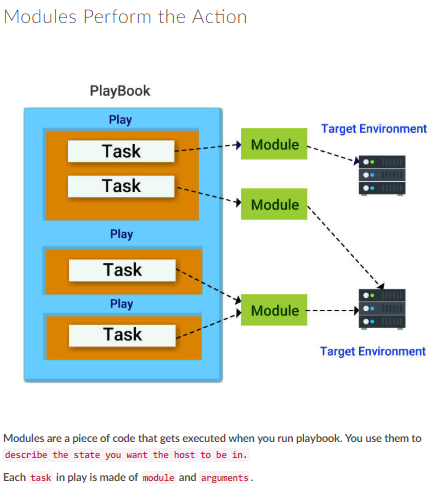


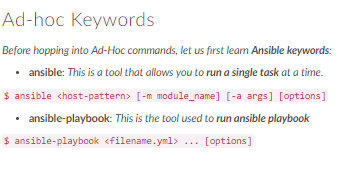


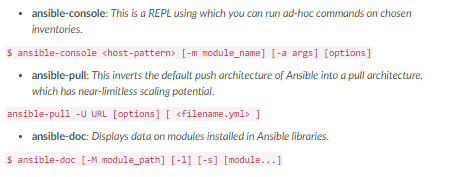


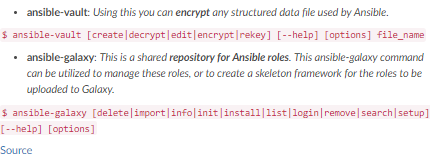


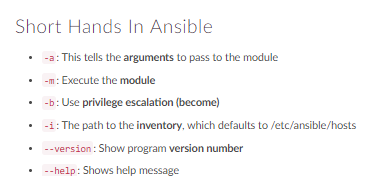




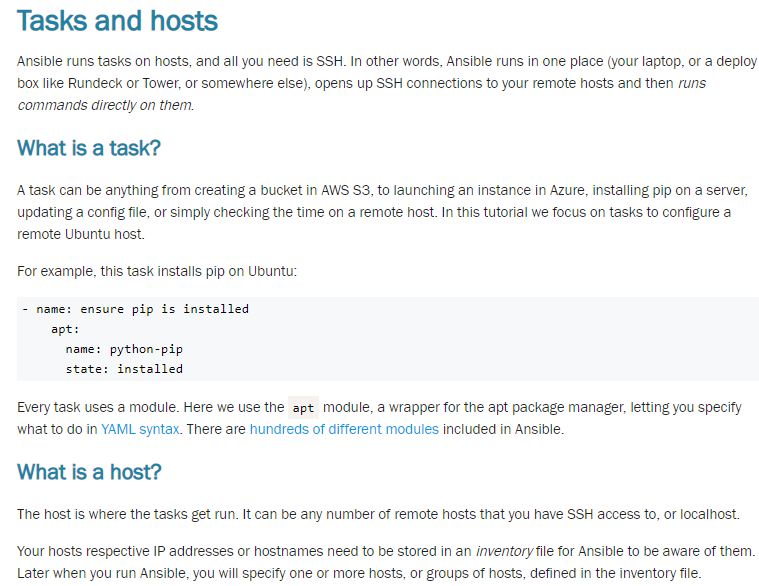


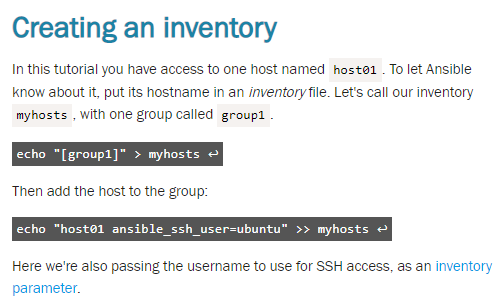


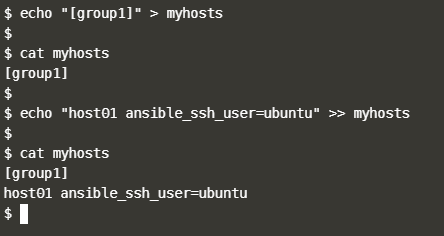


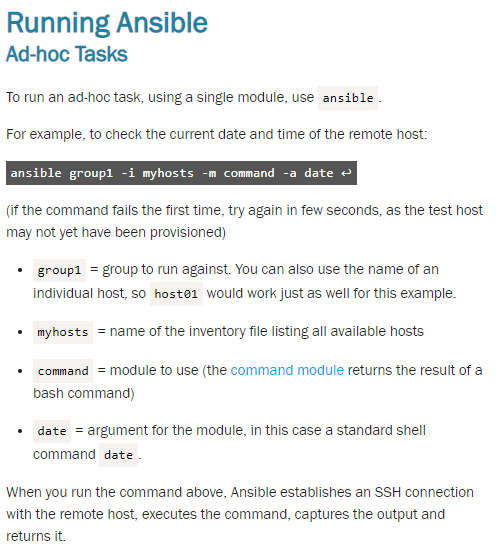


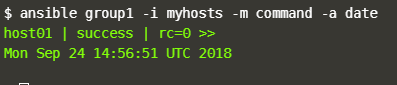
Hands –on:Ad-hoc cmds

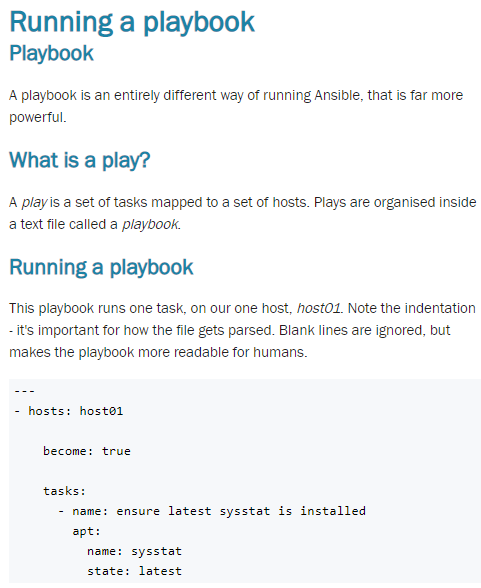


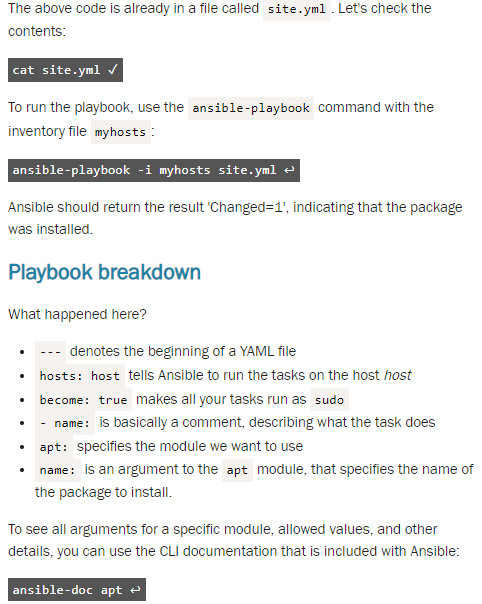


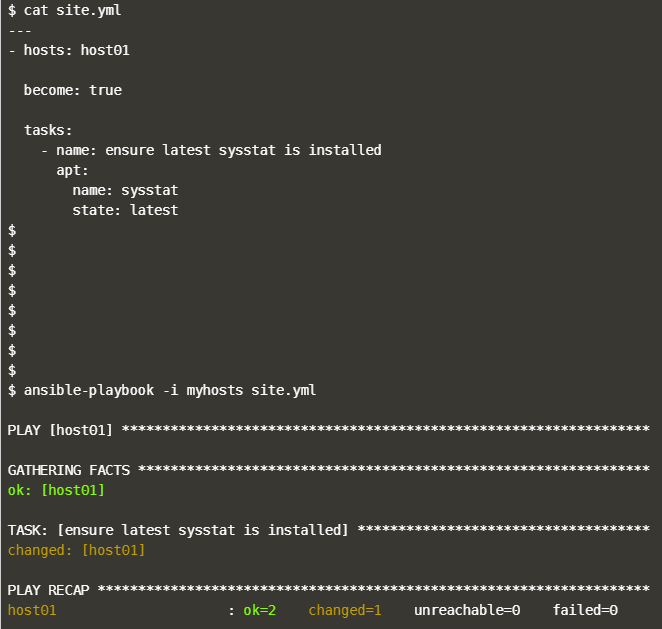


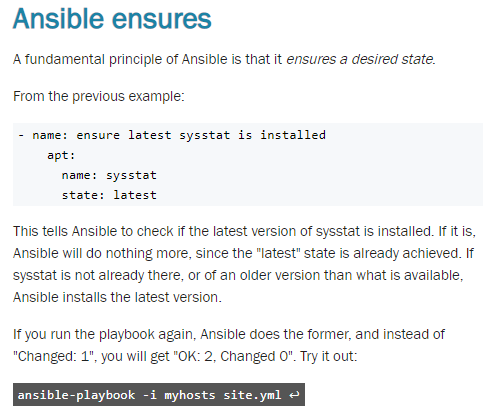


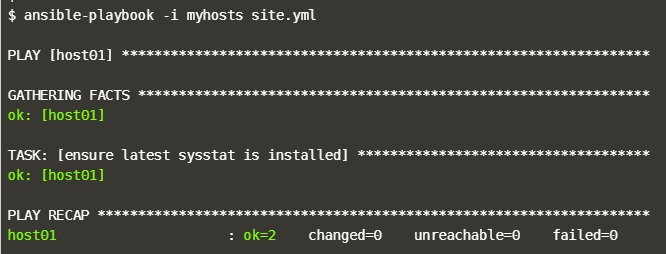


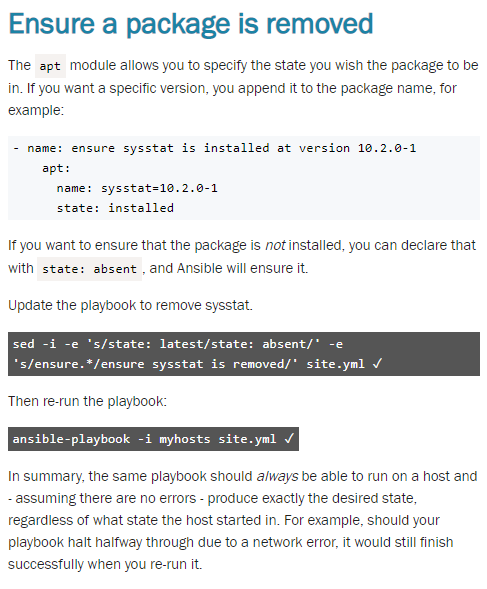


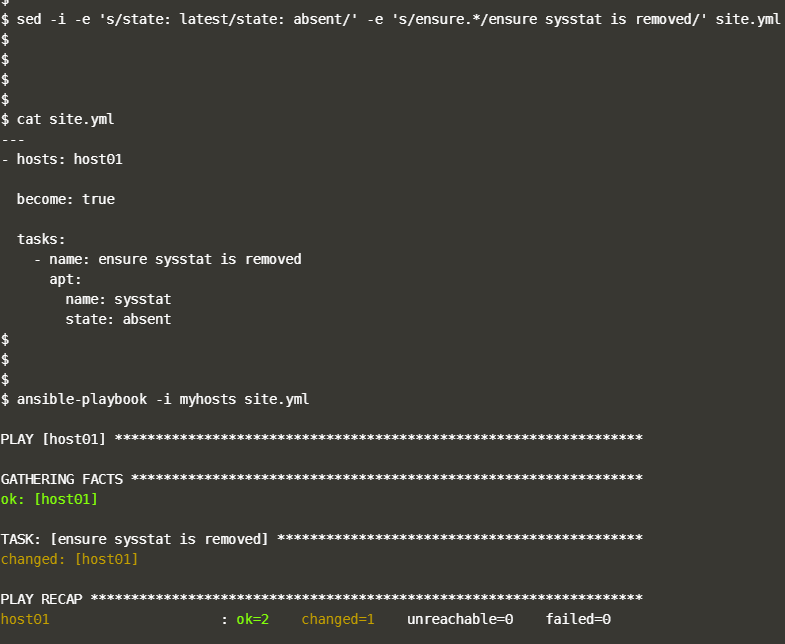


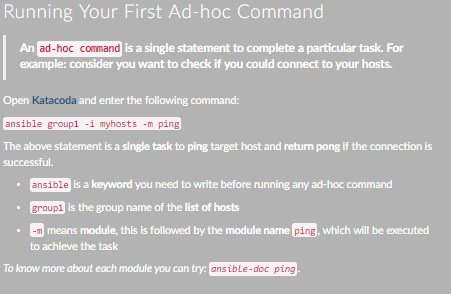


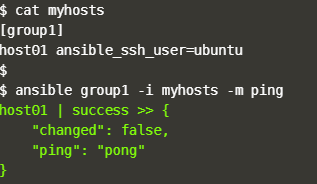


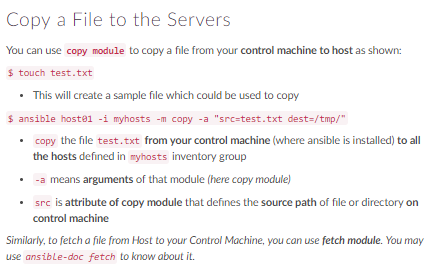




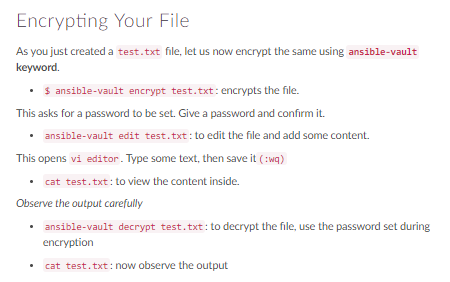


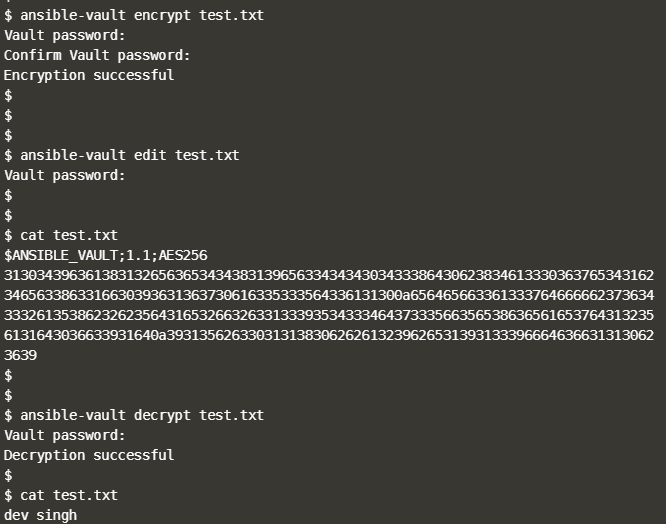




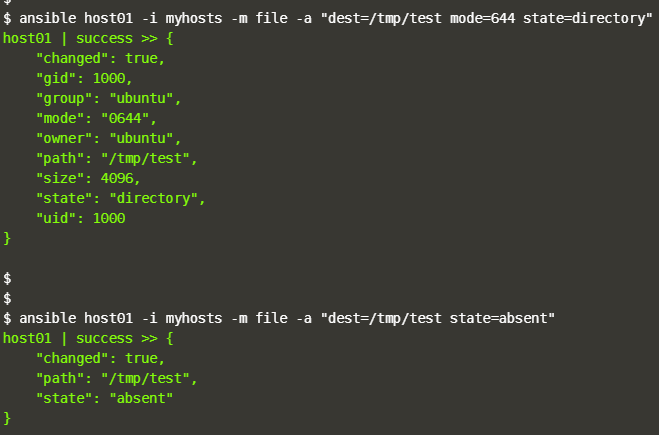


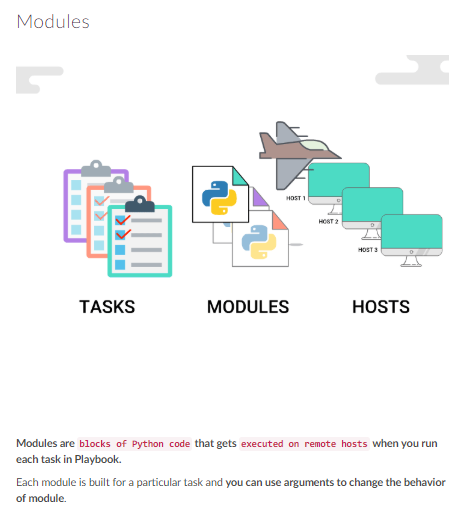


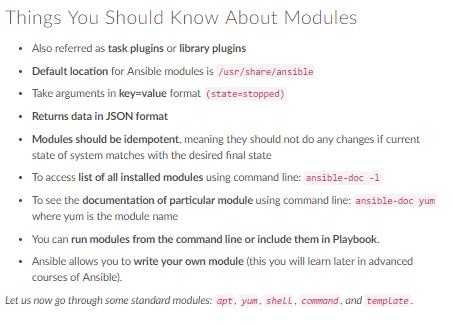


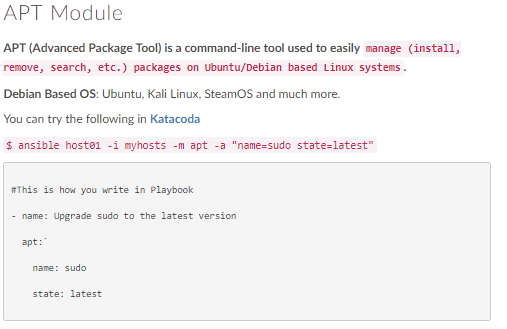


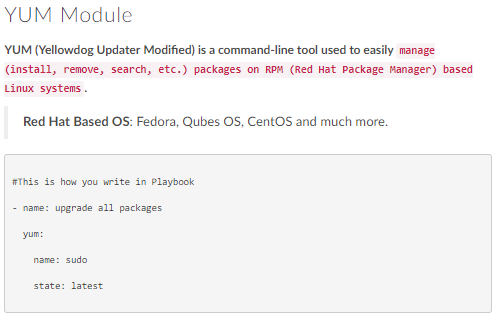


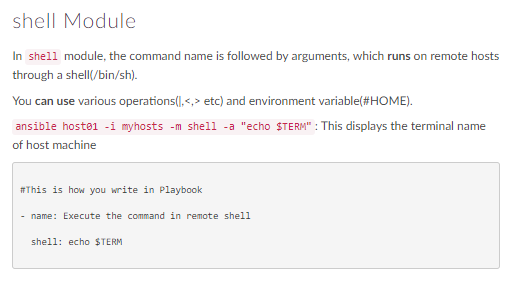


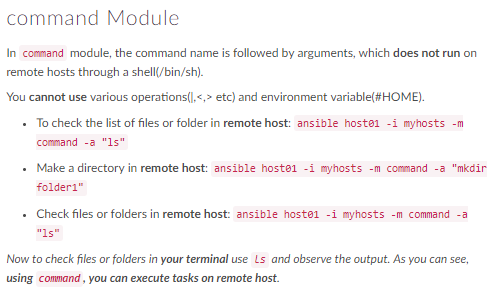


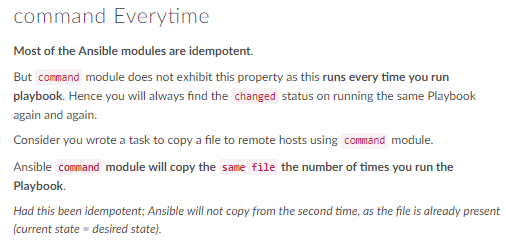


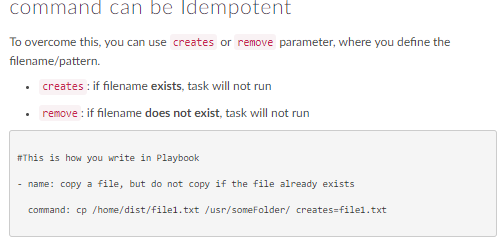


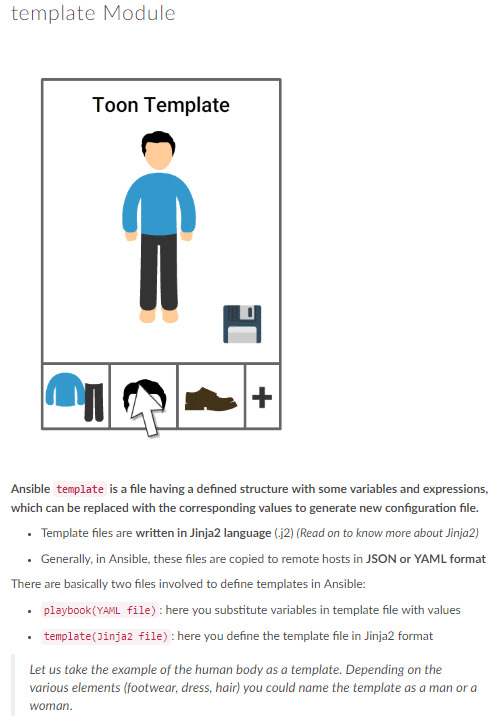


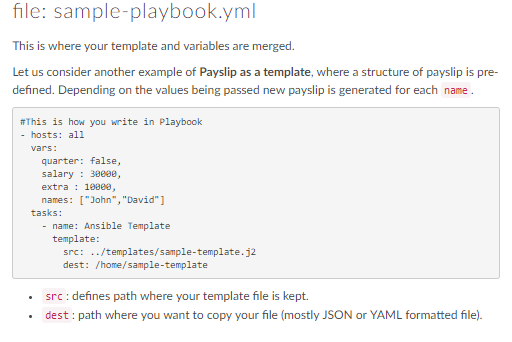


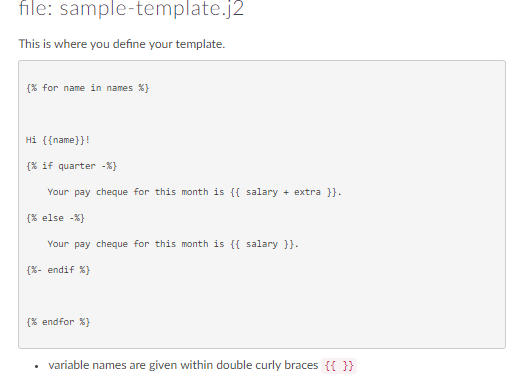












Writing simple playbook:( playbook for printing hello word):

Yaml file :

cat demo.yaml

---

- name: this play displays "hello world"

hosts: all

tasks:

- name: displaying "hello world"

shell: echo "hello world"

- name: displaying wishes for the day

shell: echo "have a good day"

...

Creating inventory file:



**$ echo "[group1]" > myhosts**

**$ echo "host01 ansible\_ssh\_user=ubuntu" >> myhosts**

**$ cat myhosts**

**[group1]**

**host01 ansible\_ssh\_user=Ubuntu**

**Running playbook:**

**$ ansible-playbook -i myhosts demo.yaml**

**PLAY [this play displays "hello world"] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**GATHERING FACTS \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**The authenticity of host 'host01 (172.17.0.157)' can't be established.**

**ECDSA key fingerprint is c9:b8:ad:1c:eb:d1:09:c4:1c:d5:e1:6e:da:35:e4:4a.**

**Are you sure you want to continue connecting (yes/no)? yes**

**ok: [host01]**

**TASK: [displaying "hello world"] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**changed: [host01]**

**TASK: [displaying wishes for the day] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

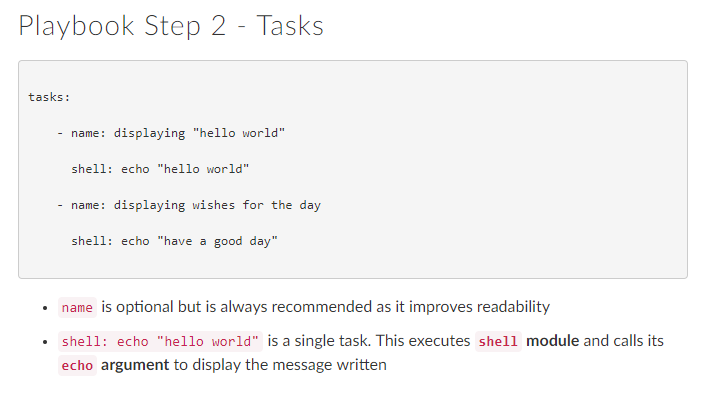
**changed: [host01]**

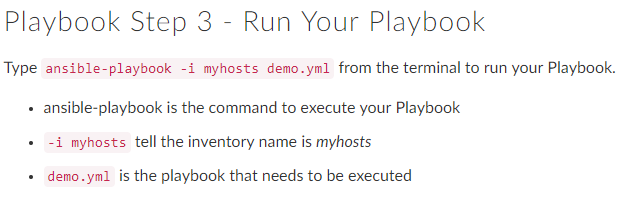
**PLAY RECAP \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**host01 : ok=3 changed=2 unreachable=0 failed=0**

**Playbook explanation :**







**Installing apache 2 ( yaml):**

**cat apche.yml**

**---**

**- name: install apache**

**hosts: all**

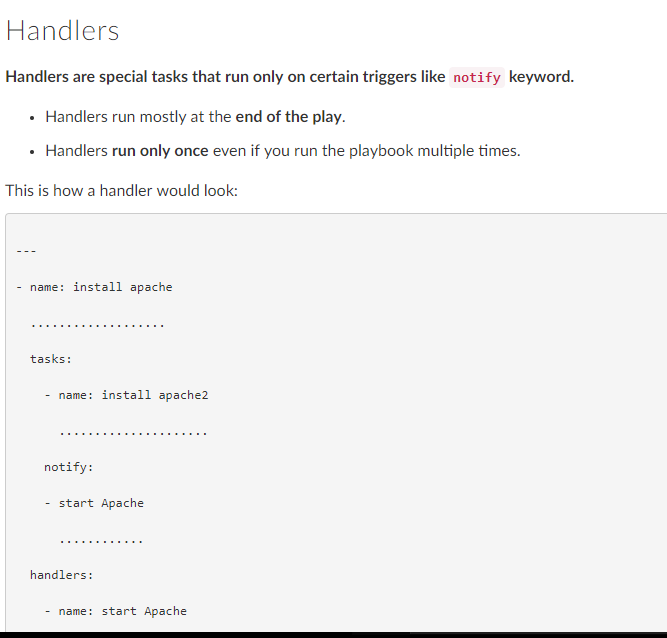
**sudo: yes**

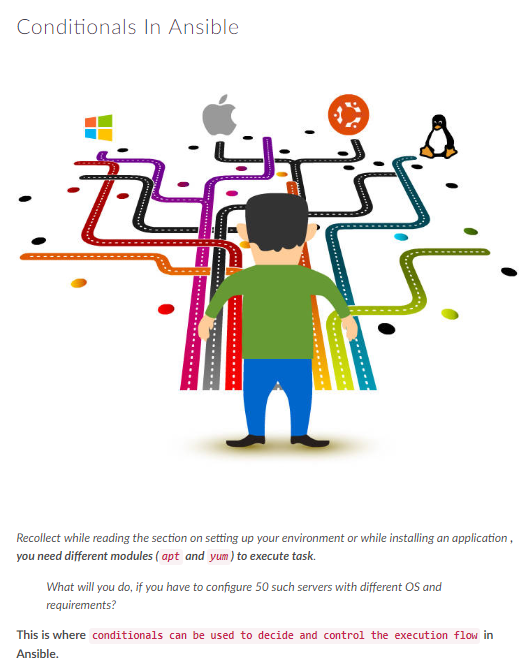
**tasks:**

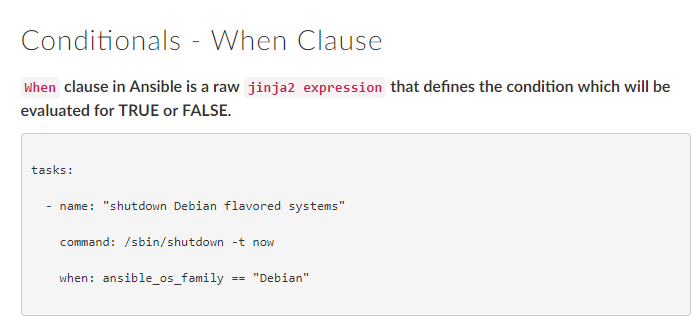
**- name: install apache2**

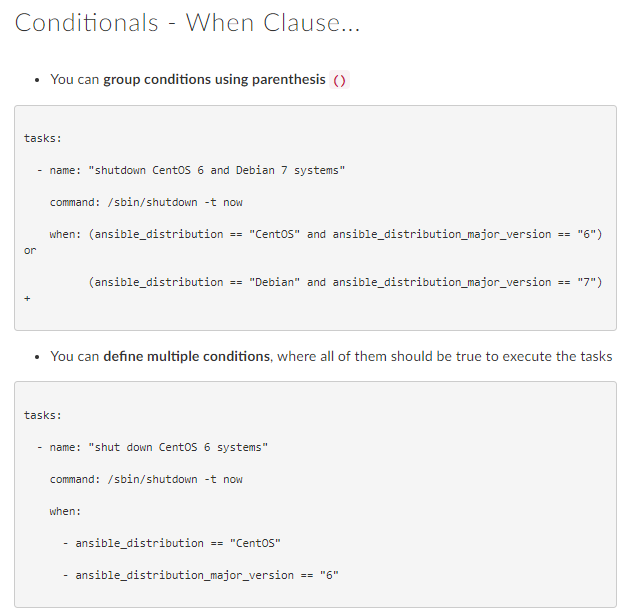
**apt: name=apache2 update\_cache=yes state=latest**

**...**









**Configuring Master:**

