

ANSIBLE CLASS-3

WRITE A PLAYBOOK WITH VARIABLE:

```
---
- hosts: dev
  connection: ssh

  vars:
    abc: git

  tasks:
    - name: install git in my slave server
      action: yum name={{abc}} state=present
```

WRITE A PLAYBOOK WITH MULTIPLE VARIABLES:

```
---
- hosts: dev
  connection: ssh

  vars:
    abc: git
    xyz: maven

  tasks:
    - name: install git
      action: yum name={{abc}} state=present

    - name: install maven
      action: yum name={{xyz}} state=present
```

WRITE A PLAYBOOK TO ADD VARIABLES DYNAMICALLY:

```
---
- hosts: dev
  user: ansible
  become: yes
  connection: ssh

  tasks:
    - name: install git
      action: yum name='{{abc}}' state=present
```

for single var: `ansible-playbook one.yml --extra-vars "abc=git"`

for multiple vars: `ansible-playbook one.yml --extra-vars "abc=git def=maven"`

WRITE A PLAYBOOK TO INSTALL PACKAGES ON DIFFERENT WAYS:

```
---
- hosts: test
  connection: ssh

  tasks:
    - name: install git
      action: yum name=git state=present

    - name: install java1.8.0
      yum: name=java-1.8.0-openjdk state=present

    - name: install java11
      command: amazon-linux-extras install java-openjdk11 -y
```

Passing a Variable file - A Variable can be defined in a variable file and can be passed to a playbook using the **include**

one.yml

```
---
- set_fact: abc=httpd
- name: install Apache
  yum: name=httpd state=present
```

two.yml

```
---
- hosts: dev
  become: yes
  tasks:
    - include: one.yml
    - name: install git
      service: name='{{abc}}' state=restarted
```

WRITE A PLAYBOOK TO ADD MULTIPLE USERS:

```
- # LOOPS
hosts: remo
user: ansible
become: yes
connection: ssh
tasks:
  - name: add list of users in my nodes
    user: name='{{item}}' state=present
    with_items:
      - raham
      - mustafa
      - shafi
      - nazeer
```