

1. Write a yaml script to display the string Hello World.

```
yaml.load(Hello World)
```

2. Write a yaml script to Create a directory with name demonstration

```
- name: directory demonstration
  file:
    path: /src/newdirectory
    state: directory
    owner: root
    group: root
    mode: 0775
```

3.Change Permissions of a Directory on who can read, write, or execute the contents of a directory or file on the remote host using Ansible.

```
- hosts: all
  tasks:
    - name: directory permissions
      file:
        path: /home/folder1/my_new_directory
        state: directory
        mode: "u=rw,g=wx,o=rwx"
```

4. Write a yaml script to create a user of AdamListek.

```
---  
  
    # Creating the user Adam Listek  
- name: Add the user 'Adam Listek' with a specific uid and a primary group of 'sudo'  
  ansible.builtin.user:  
    name: adamlis  
    comment: AdamListek  
    uid: 1077  
group: sudo  
  createhome: yes    # Defaults to yes  
home: /home/adamlis # Defaults to /home/<username>
```

5. Write a yaml script to Adding the user qa_editor in the editor group.

```
# Adding the user qa_editor in the editor group  
- name: Add group "editor" to remote node  
  group:  
    name: qa_editor  
    gid: 2212  
    state: present
```

6. Write a yaml script to Removing the user shanky from the system

```
- name: Remove the user 'Shanky' if present in the linux system  
  ansible.builtin.user:  
    name: shanky3  
    state: absent  
    remove: yes
```

7. Write a yaml script to install http with the latest version to all hosts in the webservers group. This will run as root.

```
[root@centos02 ~]# cat playbook2.yaml
---
- hosts: webservers

  remote_user: root

  tasks:

    - name: ensure apache is at the latest version

      yum: name=httpd state=latest
```

8. Write a yaml script to list the names of all the team members for a project, together with their roles and start dates.

```
team_members:
-
  name: "Sarah Becker"
  role: "project lead"
  start_date: "2016-02-01"
-
  name: "Jane Smith"
  role: maintainer
  start_date: "2018-03-15"
-
  name: "Albert Hamilton"
  role: editor
```

```
start_date: "2017-12-01"
```

9. Write a yaml script to create multiple files by using a single task in an Ansible playbook.

```
---  
  
- hosts: all  
  tasks:  
    - name: Create multiple files  
      file:  
        path: "{{ item }}"  
        state: touch  
      with_items:  
        - test01.txt  
        - test02.txt  
        - test03.txt  
        - test04.txt
```

10. create a new file 'remote_server.txt' with content.

```
- hosts: all  
  tasks:  
    - name: Ansible create file with content example  
      copy:  
        dest: "/Users/mdtutorials2/Documents/Ansible/remote_server.txt"  
        content: |
```

dog1

tiger

11. Write a yaml script to create a sequence of items.

args:

- shutdown

- "1000"

- msg

- "Restart the system"

12. Write a yaml script that automation to install Java in machines

1. Create directory

2. Unzip/Install Java software

Create the playbook with name something like "java_install.yml".

- hosts: all

remote_user: oracle

tasks:

- name: Create Folder

file:

path: /u01/fmw/java

mode: 0755

state: directory

- name: Unpack archive

unarchive:

src: /software/jdk-8u291-linux-x64.tar.gz

dest: /u01/fmw/java

remote_src: yes

Run the play book

[root@demosys01 ~]# ansible-playbook java_install.yml

13. Write a yaml script that INSTALL Apache.

- hosts: apache

sudo: yes

tasks:

```
- name: install apache2  
apt: name=apache2 update_cache=yes state=latest
```

14. Write a yaml script to enable a module to be used by Apache

```
---  
- hosts: apache  
  sudo: yes  
  tasks:  
    - name: install apache2  
      apt: name=apache2 update_cache=yes state=latest  
  
    - name: enabled mod_rewrite  
      apache2_module: name=rewrite state=present
```

15. Write a yaml script to create indentation of employee details.

```
employees:  
  -  
    id: 213  
    name: franc  
    others:  
      - { department: sales, did: 1}  
      - { salary: 5000}  
      - { address: USA, pincode: 97845 }
```