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Q-1 What is the command to create a file without using the 'file' module?

```
GNU nano 6.2
---
- hosts: test
  name: myNewFile
  tasks:
    - name: Create a directory
      file:
        path: ~/hello
        state: directory
```

```
ubuntu@ip-172-31-26-230:~$ ansible-playbook myFile.yml

PLAY [myNewFile] ********************************************************************************************************

TASK [Gathering Facts] *************************************************************************************************
ok: [host1]
ok: [host2]

TASK [Create a directory] **********************************************************************************************
ok: [host1]
ok: [host2]

PLAY RECAP *************************************************************************************************************
host1                      : ok=2    changed=0    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
host2                      : ok=2    changed=0    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
```

```
ubuntu@ip-172-31-26-230:~$ ls
create_directory.yaml  myFile.yml
```

Q-2 What is the command to create a directory using the 'file' module?

```
GNU nano 6.2
---
- hosts: test
  name: myNewFile
  tasks:
    - name: Create a directory
      file:
        path: ~/hello
        state: directory

    - name: Create a file
      file:
        path: ~/world.txt
        state: touch
```

```
ubuntu@ip-172-31-26-230:~$ sudo nano myFile.yml
ubuntu@ip-172-31-26-230:~$ ansible-playbook myFile.yml

PLAY [myNewFile] ********************************************************************************************************

TASK [Gathering Facts] *************************************************************************************************
ok: [host1]
ok: [host2]

TASK [Create a directory] **********************************************************************************************
changed: [host2]
changed: [host1]

TASK [Create a file] ***************************************************************************************************
changed: [host1]
changed: [host2]

PLAY RECAP *************************************************************************************************************
host1                      : ok=3    changed=2    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
host2                      : ok=3    changed=2    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
```

```
ubuntu@ip-172-31-26-230:~$ ls
create_directory.yaml  myFile.yml
```

```
ubuntu@ip-172-31-16-137:~$ ls
hello  world.txt
ubuntu@ip-172-31-16-137:~$
```

Q-3 Install nginx server on hosts and replace existing home page with another simple web page. See if you can access it.

```
  GNU nano 6.2
#!/bin/bash
tee /var/www/html/index.html << _EOF_
<html>
<head>
<title> hello world </title>
</head>
<body>
<h1>This is Bhargavi kamble 202051048 </h1>
</body>
</html>
```

```
  GNU nano 6.2
---
- hosts: test
  become: true
  tasks:
    - name: Install Nginx
      apt:
        name: nginx
        state: present
      tags: nginx

    - name: Replace default Nginx homepage
      script: hello.sh

  handlers:
    - name: restart nginx
      service:
        name: nginx
        state: restarted
```

```
ubuntu@ip-172-31-26-230:~$ ansible-playbook installnginx.yml

PLAY [test] ********************************************************************************************************

TASK [Gathering Facts] ********************************************************************************************
ok: [host1]
ok: [host2]

TASK [Install Nginx] **********************************************************************************************
ok: [host2]
ok: [host1]

TASK [Replace default nginx home] *********************************************************************************
changed: [host1]
changed: [host2]

PLAY RECAP ********************************************************************************************************
host1                      : ok=3    changed=1    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
host2                      : ok=3    changed=1    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
```

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