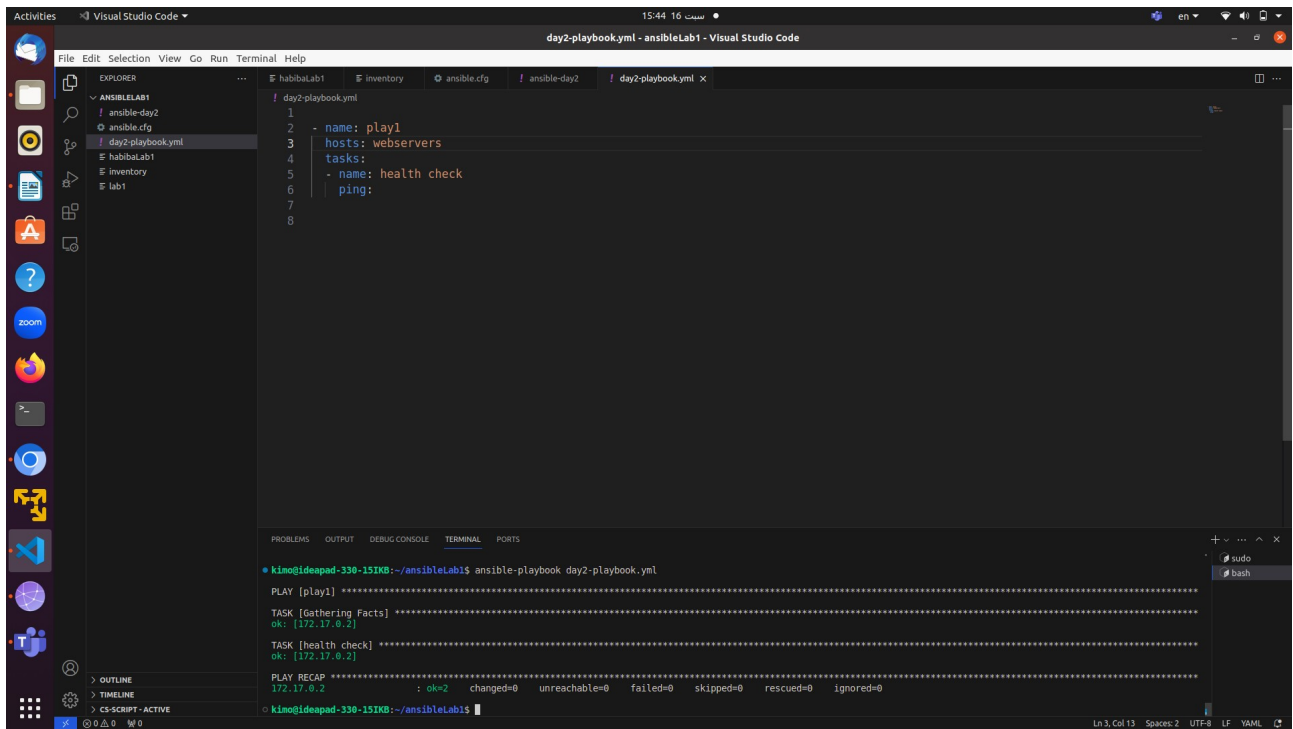


Ansible lab2

Write your first playbook file :



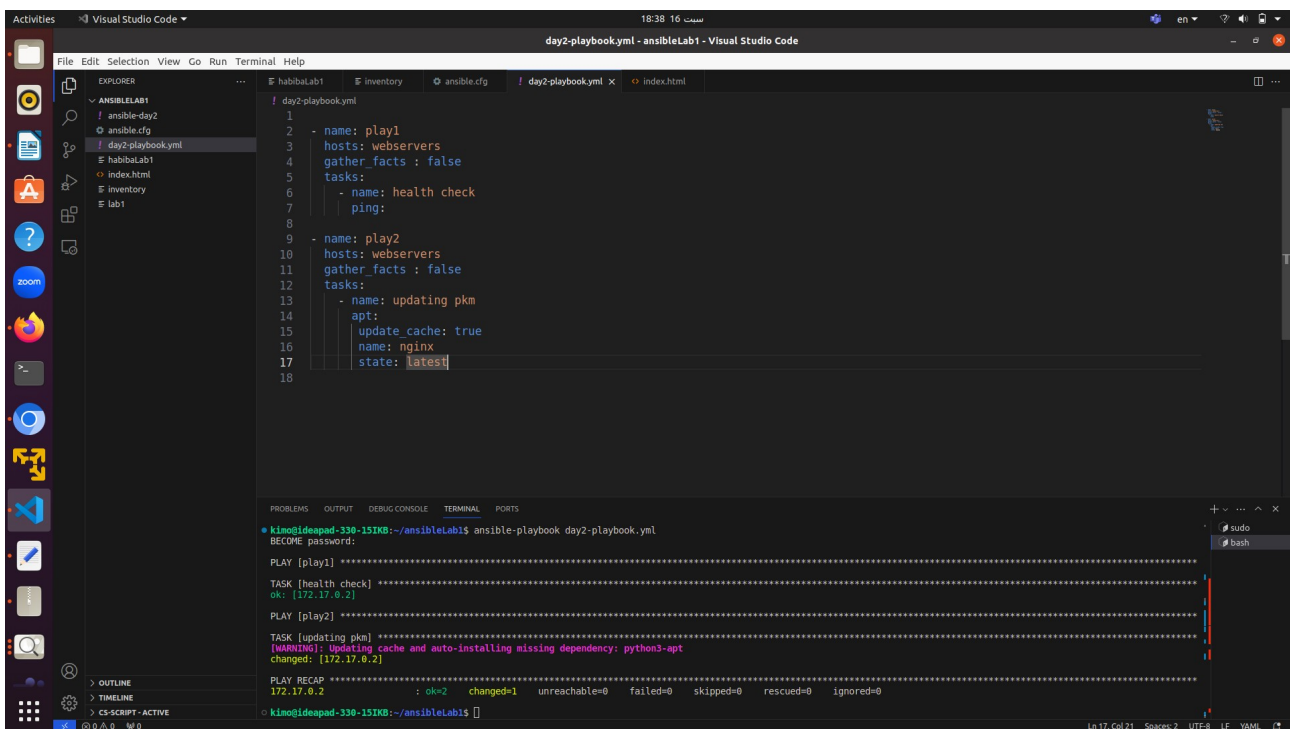
The screenshot shows the Visual Studio Code editor with the file `day2-playbook.yml` open. The file contains the following YAML code:

```
1
2 - name: play1
3   hosts: webserver
4   tasks:
5     - name: health check
6       ping:
7
8
```

The terminal output shows the execution of the playbook:

```
• kmo@ideapad-330-151KB:~/ansibleLab1$ ansible-playbook day2-playbook.yml
PLAY [play1] *****
TASK [Gathering Facts] *****
ok: [172.17.0.2]
TASK [health check] *****
ok: [172.17.0.2]
PLAY RECAP *****
172.17.0.2 : ok=2 changed=0 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0
• kmo@ideapad-330-151KB:~/ansibleLab1$
```

Install latest nginx



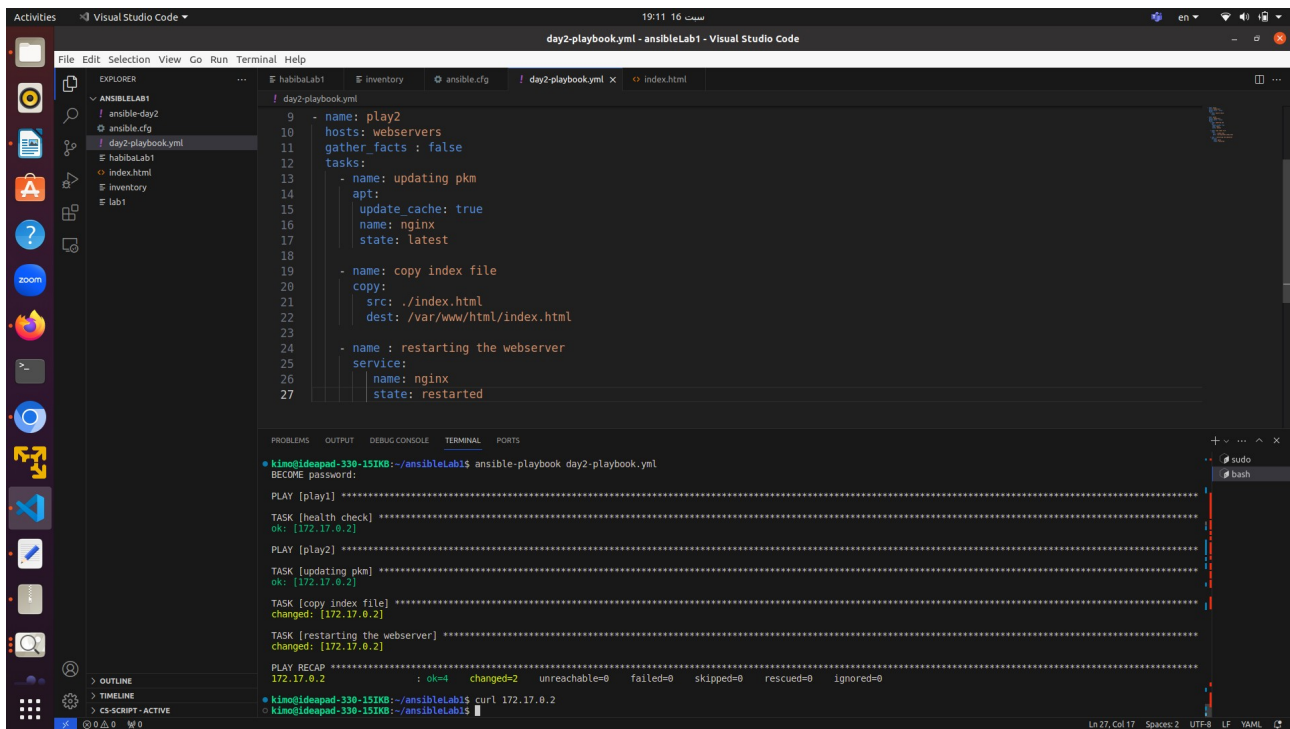
The screenshot shows the Visual Studio Code editor with the file `day2-playbook.yml` open. The file contains the following YAML code:

```
1
2 - name: play1
3   hosts: webserver
4   gather_facts: false
5   tasks:
6     - name: health check
7       ping:
8
9
10 - name: play2
11   hosts: webserver
12   gather_facts: false
13   tasks:
14     - name: updating pk
15       apt:
16         update_cache: true
17         name: nginx
18         state: latest
19
```

The terminal output shows the execution of the playbook:

```
• kmo@ideapad-330-151KB:~/ansibleLab1$ ansible-playbook day2-playbook.yml
BECOME password:
PLAY [play1] *****
TASK [health check] *****
ok: [172.17.0.2]
PLAY [play2] *****
TASK [updating pk] *****
[WARNING]: Updating cache and auto-installing missing dependency: python3-apt
changed: [172.17.0.2]
PLAY RECAP *****
172.17.0.2 : ok=2 changed=1 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0
• kmo@ideapad-330-151KB:~/ansibleLab1$
```

Copy index.html from controller to host 1



The screenshot shows the Visual Studio Code interface with the following components:

- Explorer:** Shows the project structure with files like `ansible-day2`, `ansible.cfg`, `day2-playbook.yml`, `habibab1`, `index.html`, `inventory`, and `lab1`.
- Editor:** Displays the `day2-playbook.yml` file with the following content:

```
1  - name: play2
2    hosts: webserver
3    gather_facts: false
4    tasks:
5      - name: updating pkm
6        apt:
7          update_cache: true
8          name: nginx
9          state: latest
10     - name: copy index file
11       copy:
12         src: ./index.html
13         dest: /var/www/html/index.html
14     - name : restarting the webserver
15       service:
16         name: nginx
17         state: restarted
```
- Terminal:** Shows the execution of the Ansible playbook:

```
kino@ideapad-330-151KB:~/ansibleLab1$ ansible-playbook day2-playbook.yml
BECOME password:
PLAY [play1] *****
TASK [health check] *****
ok: [172.17.0.2]
PLAY [play2] *****
TASK [updating pkm] *****
ok: [172.17.0.2]
TASK [copy index file] *****
changed: [172.17.0.2]
TASK [restarting the webserver] *****
changed: [172.17.0.2]
PLAY RECAP *****
172.17.0.2 : ok=4  changed=2  unreachable=0  failed=0  skipped=0  rescued=0  ignored=0

kino@ideapad-330-151KB:~/ansibleLab1$ curl 172.17.0.2
kino@ideapad-330-151KB:~/ansibleLab1$
```