

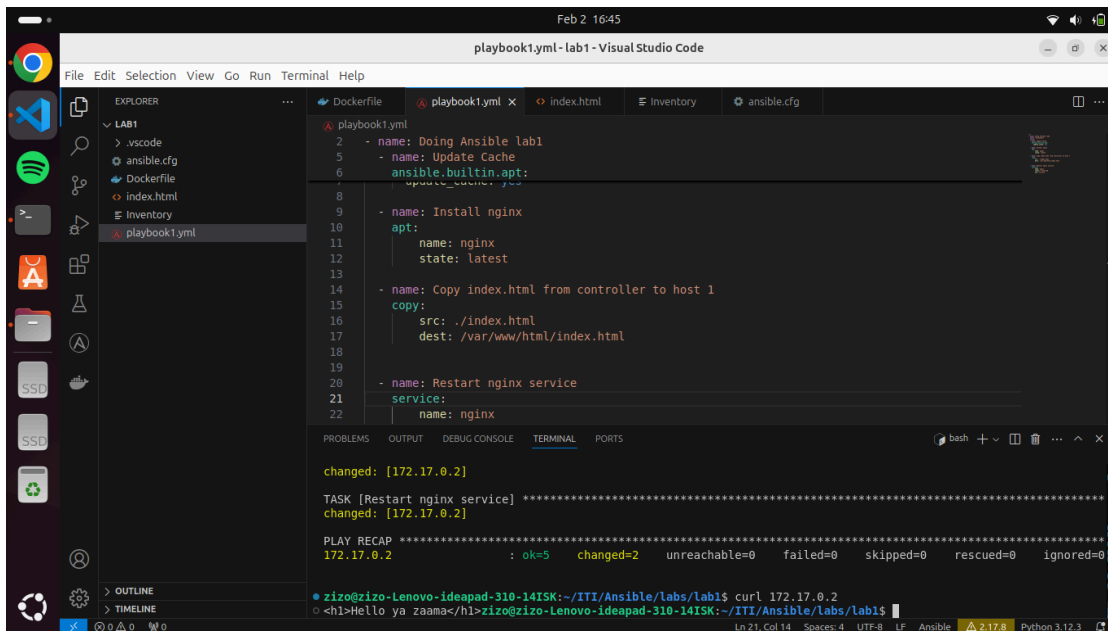
Lab1:

```
<h1>Hello ya zaama</h1>
```

```
1 [Containers]
2 172.17.0.2
3
```

```
1 [defaults]
2 inventory = ./Inventory
3 remote_user = user1
4 private_key = ~/.ssh/id_ed25519
5 [privilege_escalation]
6 become = true
7 become_ask_pass = true
8
9
```

```
1 FROM ubuntu
2
3 RUN apt update && apt install ssh sudo -y
4
5 RUN adduser user1
6
7 RUN echo "user1:123" | chpasswd
8
9 RUN usermod -aG sudo user1
10
11 ENTRYPOINT service ssh start && bash
12
13 #172.17.0.2
```



The screenshot shows the Visual Studio Code interface with a file explorer on the left containing files like .vscode, ansible.cfg, Dockerfile, index.html, inventory, and playbook1.yml. The main editor displays the content of 'playbook1.yml', which includes tasks for updating cache, installing nginx, copying index.html, and restarting the nginx service. The bottom terminal window shows the execution output, indicating that the tasks were successful on host 172.17.0.2. The output includes a 'PLAY RECAP' section showing 5 OK, 2 changed, and 0 failed tasks.

```
Feb 2 16:45
playbook1.yml - lab1 - Visual Studio Code
File Edit Selection View Go Run Terminal Help
EXPLORER
  LAB1
    .vscode
    ansible.cfg
    Dockerfile
    index.html
    inventory
    playbook1.yml
playbook1.yml
2  - name: Doing Ansible lab1
5  - name: Update Cache
6    ansible.builtin.apt:
7      update_cache: yes
8
9  - name: Install nginx
10   apt:
11     name: nginx
12     state: latest
13
14  - name: Copy index.html from controller to host 1
15   copy:
16     src: ./index.html
17     dest: /var/www/html/index.html
18
19  - name: Restart nginx service
20   service:
21     name: nginx
22
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
bash
changed: [172.17.0.2]
TASK [Restart nginx service] *****
changed: [172.17.0.2]
PLAY RECAP *****
172.17.0.2 : ok=5  changed=2  unreachable=0  failed=0  skipped=0  rescued=0  ignored=0
zizo@zizo-Lenovo-ideapad-310-14ISK:~/ITI/Ansible/labs/lab1$ curl 172.17.0.2
<h1>Hello ya zaama</h1>zizo@zizo-Lenovo-ideapad-310-14ISK:~/ITI/Ansible/labs/lab1$
```