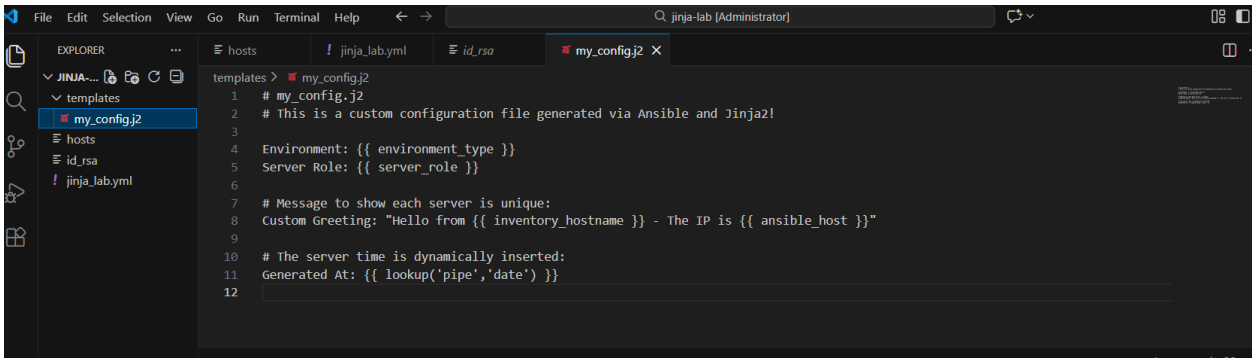
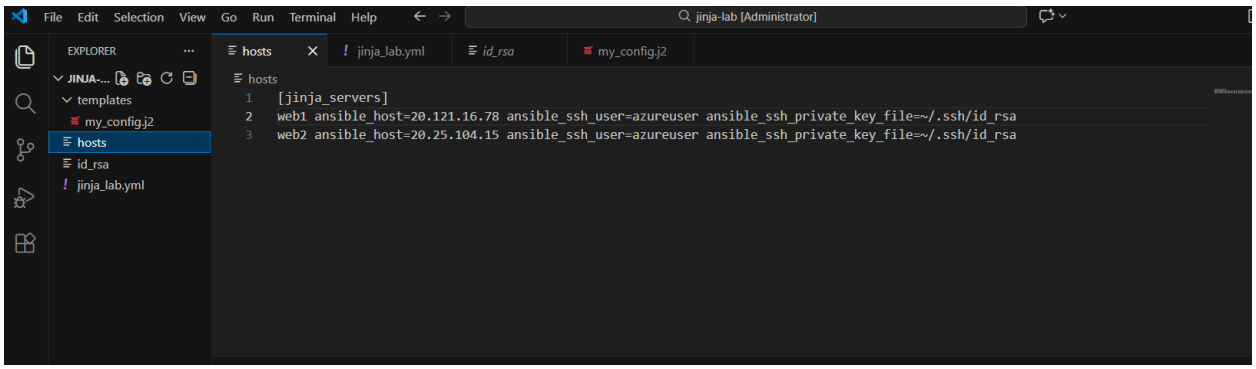
LAB | Setup remote servers with Ansible & J2

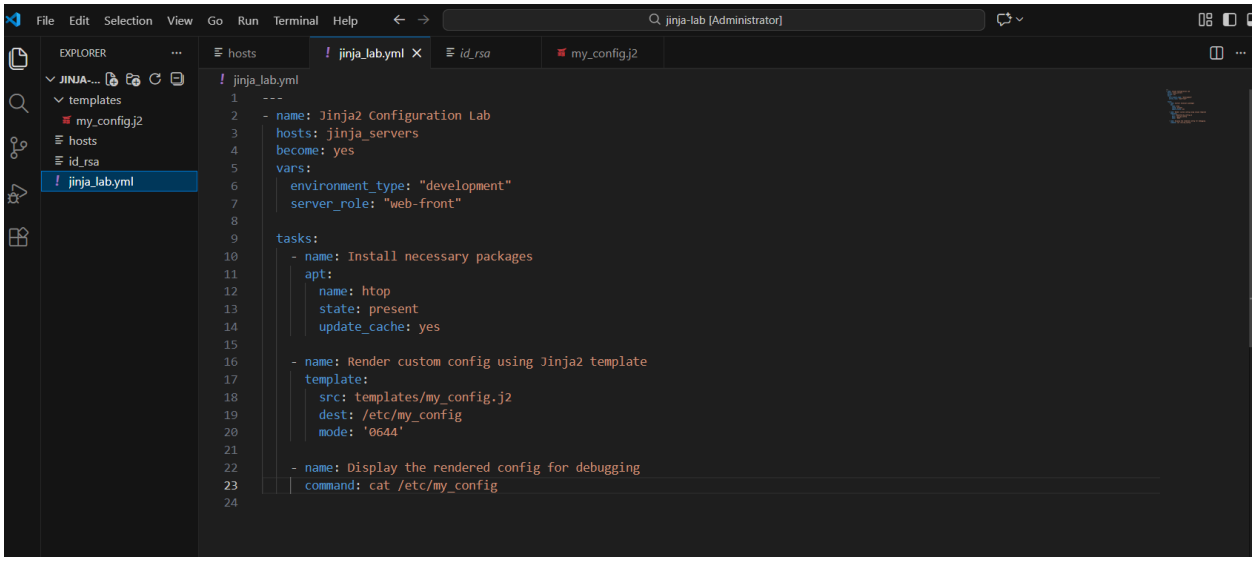
Template



hosts



Playbook



Outputs

```
vijayagagla@DESKTOP-FP4OP26:~/jinja-lab$ ansible-playbook -i hosts jinja_lab.yml

PLAY [Jinja2 Configuration Lab] ************************************************************************************************************************

TASK [Gathering Facts] *********************************************************************************************************************************
ok: [web1]
ok: [web2]

TASK [Install necessary packages] **********************************************************************************************************************
ok: [web1]
ok: [web2]

TASK [Render custom config using Jinja2 template] ******************************************************************************************************
changed: [web1]
changed: [web2]

TASK [Display the rendered config for debugging] *******************************************************************************************************
changed: [web1]
changed: [web2]

TASK [debug] *******************************************************************************************************************************************
ok: [web1] => {
    "out.stdout": "# my_config.j2\n# This is a custom configuration file generated via Ansible and Jinja2!\n\nEnvironment: development\nServer
Role: web-front\n\n# Message to show each server is unique:\nCustom Greeting: \"Hello from web1 - The IP is 20.121.16.78\"\n\n# The server time
 is dynamically inserted:\nGenerated At: Thu Jan 29 14:48:15 CET 2026"
}
ok: [web2] => {
    "out.stdout": "# my_config.j2\n# This is a custom configuration file generated via Ansible and Jinja2!\n\nEnvironment: development\nServer
Role: web-front\n\n# Message to show each server is unique:\nCustom Greeting: \"Hello from web2 - The IP is 20.25.104.15\"\n\n# The server time
 is dynamically inserted:\nGenerated At: Thu Jan 29 14:48:15 CET 2026"
}

PLAY RECAP *********************************************************************************************************************************************
web1                       : ok=5    changed=2    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
web2                       : ok=5    changed=2    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
```