Ansible Learning Checklist

1. Basics & Setup

[x] Install Ansible on WSL (Ubuntu)

[x] Create and understand an inventory file

[x] Run a basic ansible ad-hoc command (ping, shell, etc.)

2. Playbooks

[ ] Create a basic playbook.yml

[ ] Understand hosts, tasks, become, and vars

[ ] Use ansible-playbook command to execute

3. Core Modules

[ ] apt - install packages

[ ] copy - copy files

[ ] file - set permissions, create dirs

[ ] user - create and manage users

[ ] cron - schedule tasks

[ ] service - start/stop/restart services

[ ] command / shell - run shell commands

4. Variables, Loops & Conditionals

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[ ] Define variables with vars or vars_files

[ ] Use with_items or loop

[ ] Add when conditions to tasks

5. Handlers

[ ] Use notify and handlers to restart services only when needed

6. Roles & Structure

[ ] Create a role with ansible-galaxy init myrole

[ ] Use directory structure: tasks, handlers, templates, etc.

[ ] Call roles from your main playbook

7. Tags

[ ] Add tags: to tasks

[ ] Run only tagged tasks with --tags

8. (Optional) Ansible Vault

[ ] Encrypt sensitive variables with ansible-vault

[ ] Use --ask-vault-pass or vault password file