Lab 9: Ansible Vault • Objective: Write an Ansible playbook to install MySQL, create ivovle database, create user with all privileges on ivolve DB. Use Ansible Vault to encrypt sensitive information such as database user password, and incorporate the encrypted data into an Ansible playbook

Ansible vault: is a feature in Ansible that allows you to encrypt sensitive data, such as passwords or API keys,

Create ansible vault:

ansible-vault create vars/vault.yml

```
ahmed@ahmed-VMware-Virtual-Platform:~/Downloads$ ansible-vault create vars/vault.yml
New Vault password:
```

### Put db username & password

```
db_user: ivolve_user
db_password: "ivolve"
~
~
```

# Vim inventory

## Vim ansible.cfg to manage configuration related ansible

#### Vim playbook.yml to put tasks

#### Command to run playbook

#### Install sql & create database ivolve

```
ubuntu@ip-172-31-82-46:~$ mysql -u ivolve user -p ivolve
Enter password:
Welcome to the MySQL monitor. Commands end with ; or \gray{g}.
Your MySQL connection id is 10
Server version: 8.0.40-0ubuntu0.24.04.1 (Ubuntu)
Copyright (c) 2000, 2024, Oracle and/or its affiliates.
Oracle is a reqistered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
mysql> SHOW DATABASES;
 Database
 information_schema |
 ivolve
 performance schema |
3 rows in set (0.00 sec)
mysql>
```