YAML Use-Cases

Scenario 5: YAML Anchors and References

You are working on configuring a system that deploys **virtual machines** (**VMs**) to different environments. To keep your configuration **DRY** (**Don't Repeat Yourself**) and ensure consistency, you decide to use YAML anchors and references.

Your task is to create a YAML configuration file that follows these guidelines:

Defaults:

Define a section called "**defaults**" with common settings for VM deployment. Use YAML anchors to define these settings.

- **Timeout**: Set the timeout to **30** seconds.
- **Retries**: Configure retries to **3** times.

Database VM:

Define a section for VMs used for database services. In this section:

- Specify the **database VM's host and port. (db.example.com,5432)**
- Use YAML references to refer to the "**defaults**" section for timeout and retries settings.

API VM:

Define a section for VMs used for API services. In this section:

- Specify the API **VM's host and port. (api.example.com,80)**
- Use YAML references to refer to the "**defaults**" section for timeout and retries settings.

Your task is to create a YAML structure that **effectively utilizes anchors** and **references** to maintain consistency and **reduce redundancy** in your VM deployment configuration.