**Q1-ANSIBLE-DOCUMENT**

**Why did this error occur?**

The package name python3 may not exist in the package manager's repository of server2

The server may be using a different Linux distribution (e.g., RHEL/CentOS vs Ubuntu), and package names differ

**How can you modify your playbook to handle this issue dynamically using Ansible Facts?**

Ansible Facts provide info about the system — like its OS family, distribution, version, etc. You can use this to dynamically install the right package based on the OS.

We’ll use:

-ansible\_facts['os\_family'] or ansible\_facts['distribution'] to conditionally install packages.

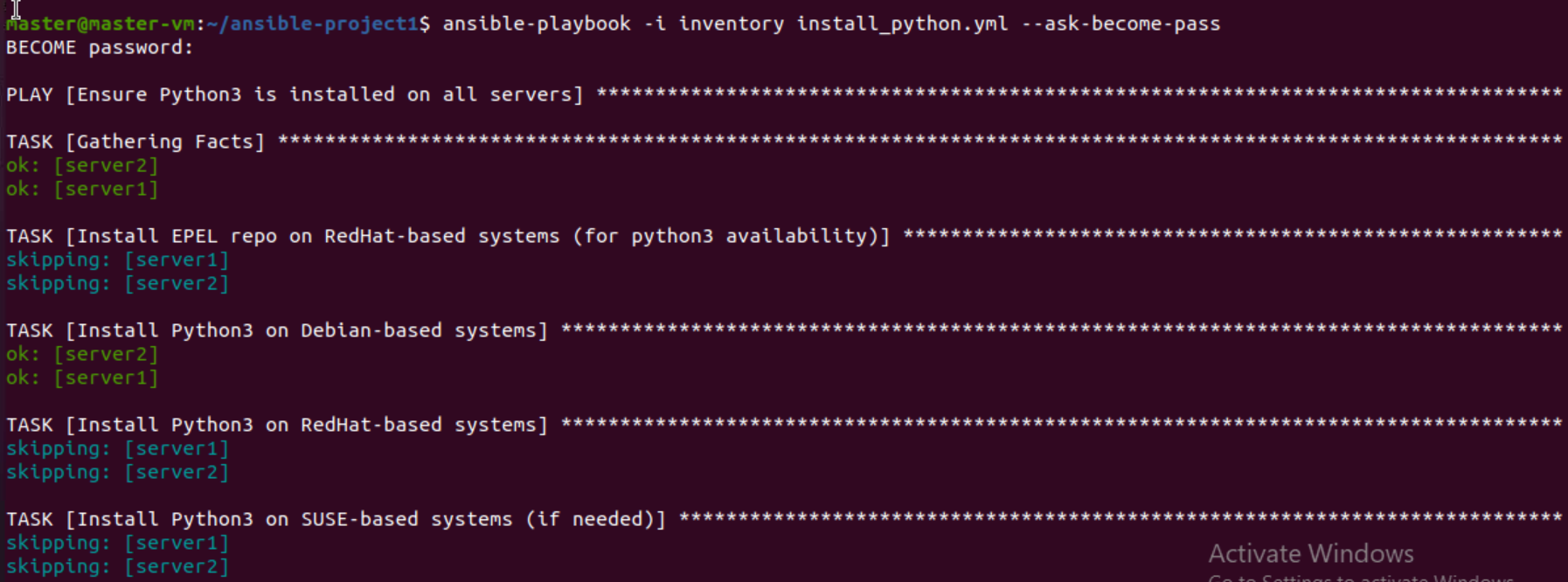
**Create the project structure**

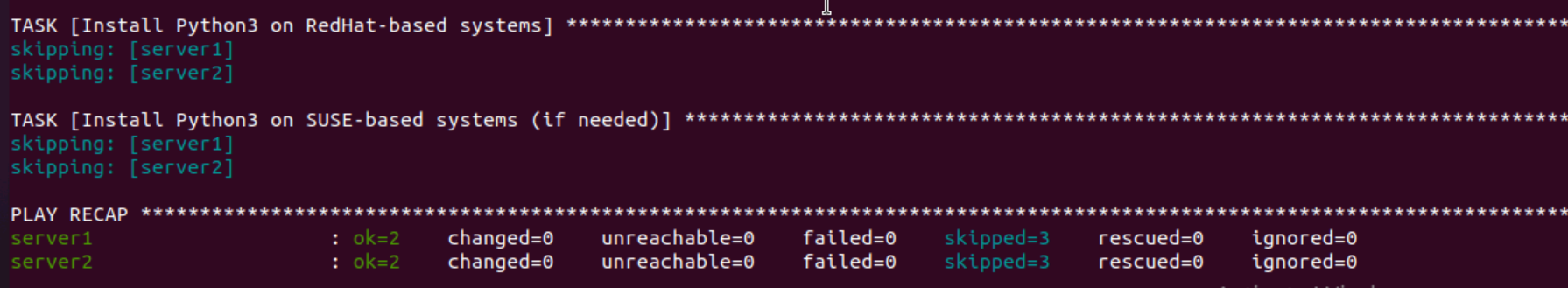
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**Python.yml File:-**

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**After Running the playbook:**

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