

Assignment: Query Output, Format and Select

Level I

- 1. List all the Virtual Machine names in Azure **within a given resource group**(say demo1_group) whose **name starts with "prod" and ends with "webserver"**.

Note: Output should be formatted in a table with only VM Name and its Resource group as columns

- 2. List Virtual Machines within eastus2 or westus2 location.

Note: Output should be in List format using properties: name, location, ResourceGroupName, ProvisioningState.

- 3. List all Virtual Machine that are in **deallocated state**. Display only VM name and PowerState

- 4. List Virtual Machines that are **either in running state** and VM **are in eastus2 location**.

- 5. List Virtual Machines that are **NOT** in **eastus2** region.

Level II

- 6. List all Virtual Machines **with their OS**. Display only VM name and OSType.

- 7. List all Virtual Machines that has **Linux OS**.

- 8. List all VMs **with their VM Size**.

- 9. List all Virtual Machines that are in **D series** of VM size

- 10. List all Virtual Machines that are of **D series VM size** and **resource group name contains word 'demo'**
Note: Output should be a table with only 3 columns : VM Name, VM Size, VM OS

- 11. List all Virtual Machine that satisfy below conditions

```
# Status :          stopped
# Region  :          eus2
# Resource Group :  demo_group1
# OS      :          Windows (any version)
```

Note: In output, display only VM name, ProvisioningState, VMSize and OSType