

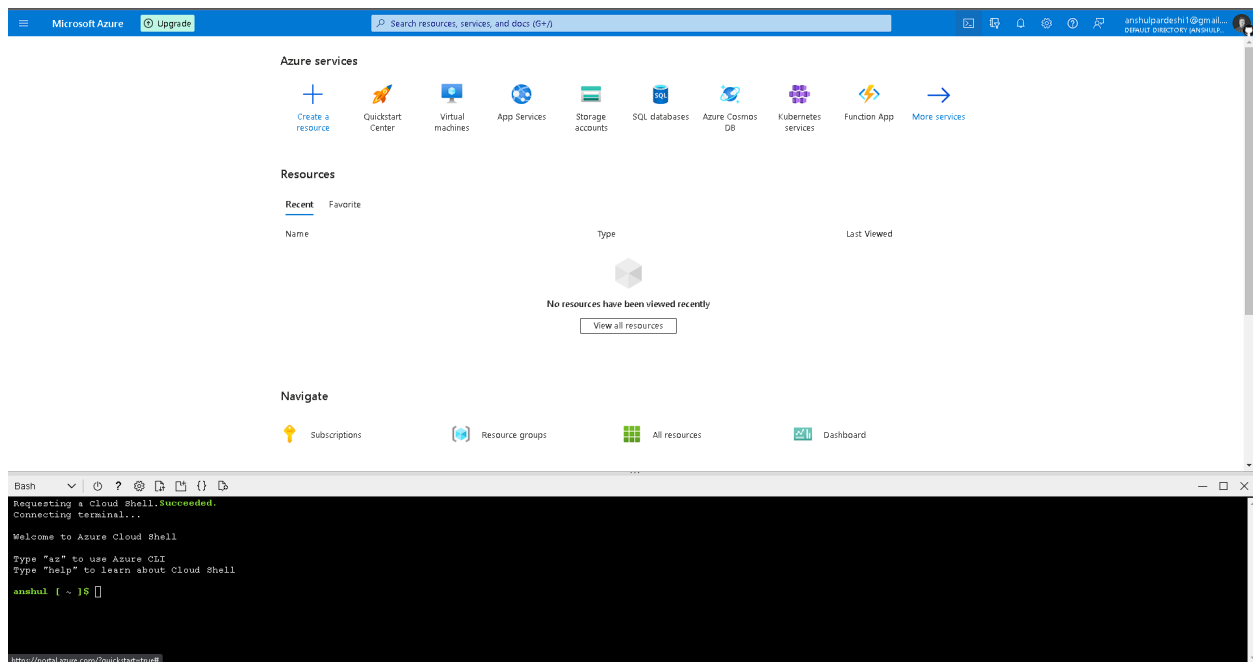
INTRODUCTION TO CLOUD COMPUTING: 1

Do the following tasks:

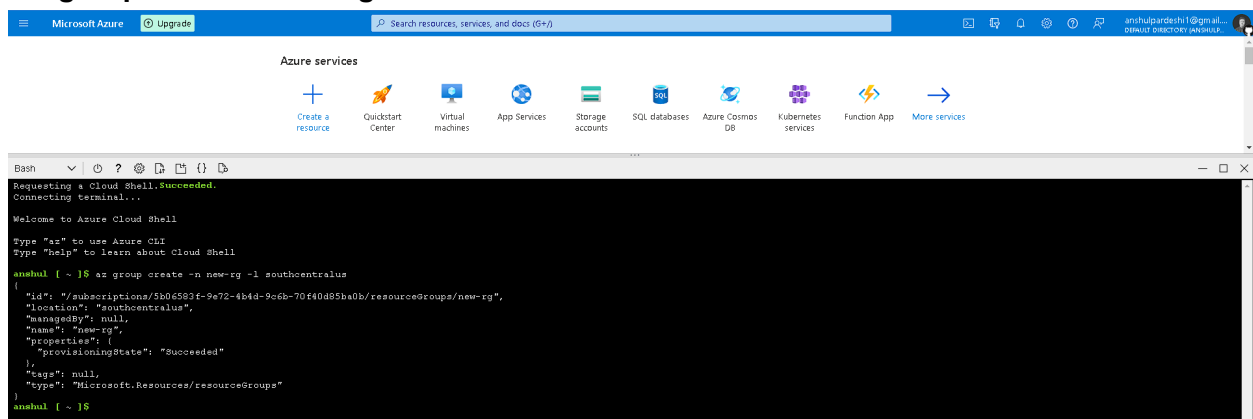
1. Connect to Azure Cloud Shell.

2. Create a resource group “new-rg” in the South Central US region Send the commands along with the screenshots for the completion of this assignment.

Open your Azure Portal and click on “Cloud Shell” in the upper right corner. WE can use Bash or Powershell. We will be using Bash for this Hands-on.



To create a resource group in south central US region we will use the command:
“az group create -n new-rg -l southcentralus”



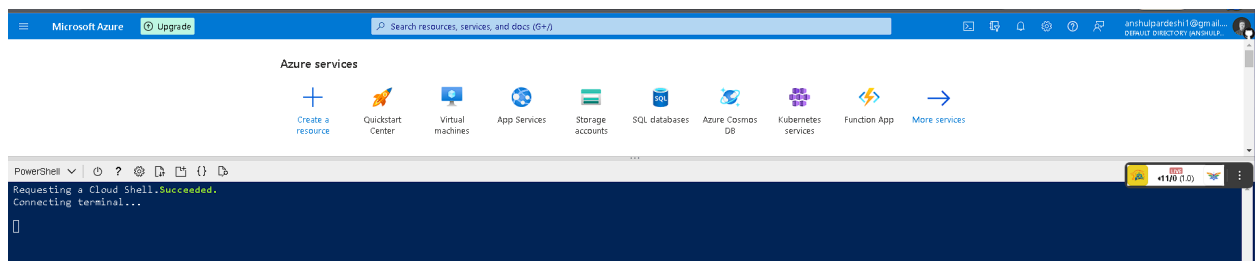
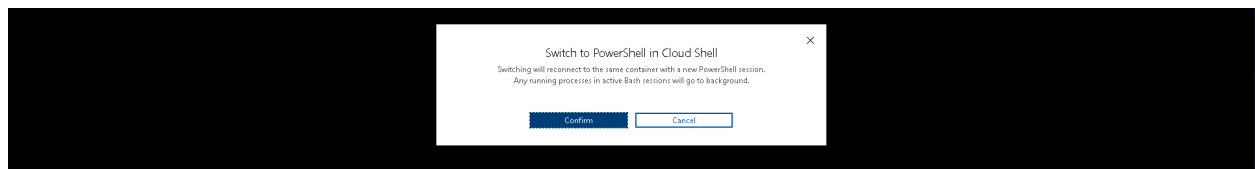
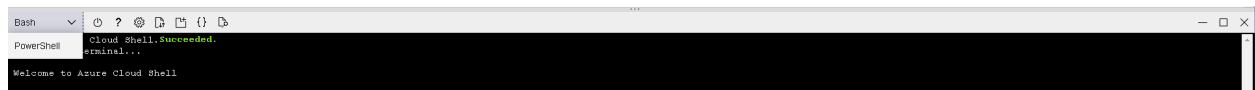
INTRODUCTION TO CLOUD COMPUTING: 2

Do the following tasks:

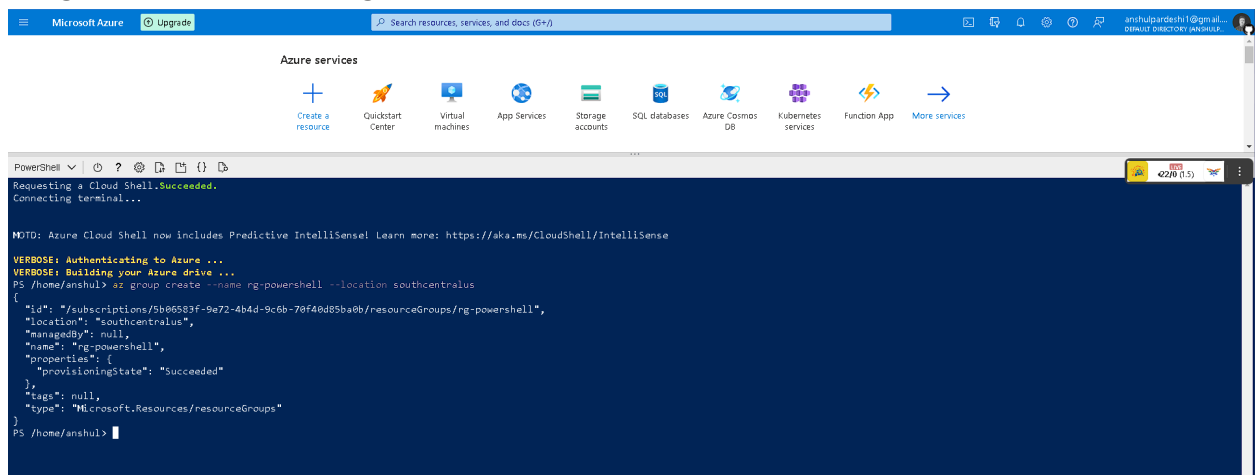
1. Connect Azure powershell to your azure account
2. Create a new resource group in South Central US with the name “rg-powershell”.

Now, to connect to powershell:

Select “Bash” drop down menu and choose “Powershell” and confirm.



To Create a new resource group in South Central US with the name “rg-powershell”:
“az group create --name rg-powershell --location southcentralus”



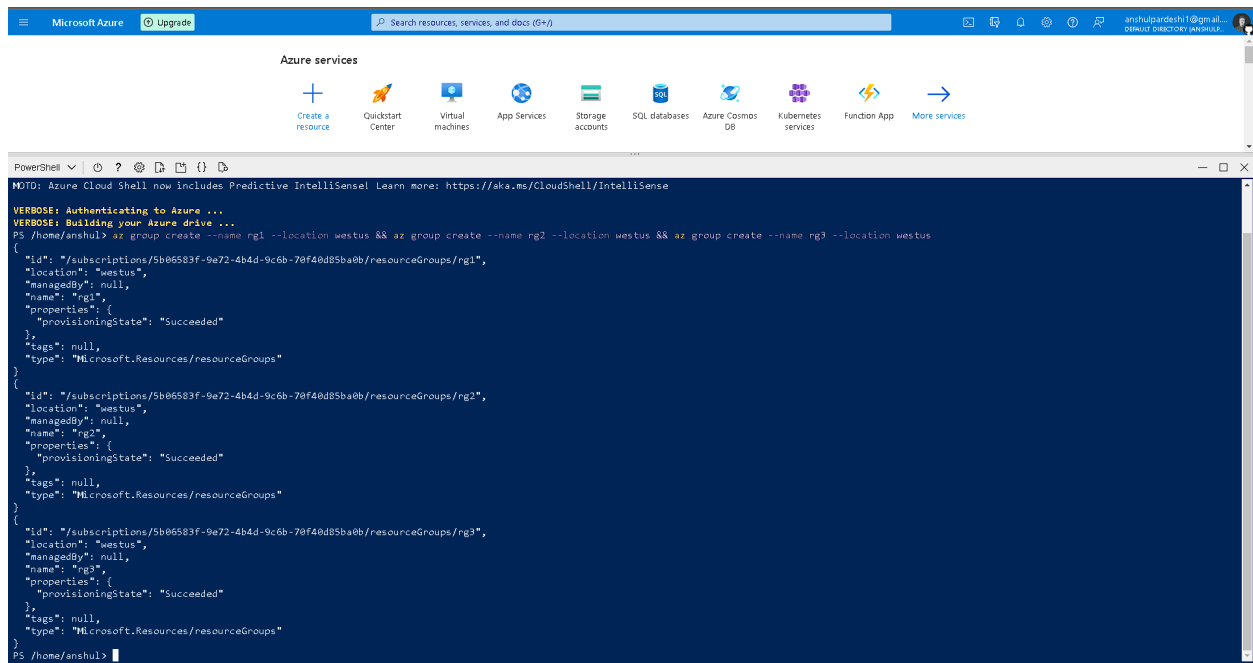
INTRODUCTION TO CLOUD COMPUTING: 3

Do the following tasks using Azure CLI and Powershell:

1. Create three more Resource groups in a specific region let's say "West US"
2. List all resource groups in West US

To Create three more Resource groups in a specific region let's say "West US":

"az group create --name rg1 --location westus && az group create --name rg2 --location westus && az group create --name rg3 --location westus"

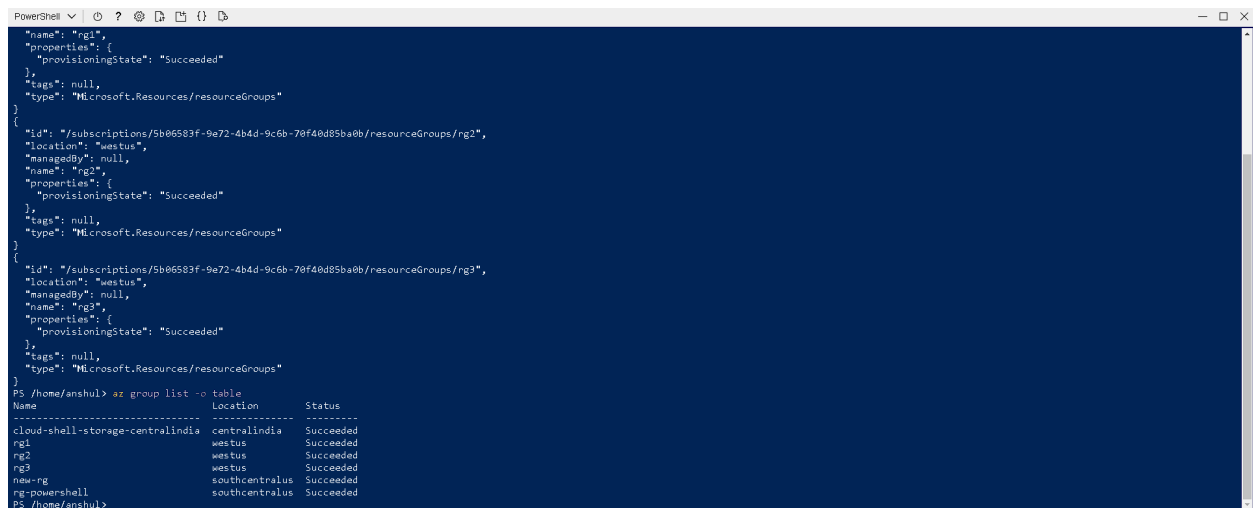


The screenshot shows the Azure portal interface at the top with various service icons. Below it, a PowerShell terminal window is open, displaying the command to create three resource groups in the West US region. The output shows the successful creation of each resource group with their respective IDs and properties.

```
PowerShell
MOTD: Azure Cloud Shell now includes Predictive IntelliSense! Learn more: https://aka.ms/CloudShell/IntelliSense
VERBOSE: Authenticating to Azure ...
VERBOSE: Building your Azure drive ...
PS /home/anshul> az group create --name rg1 --location westus && az group create --name rg2 --location westus && az group create --name rg3 --location westus
{
  "id": "/subscriptions/5b06583f-9e72-4b4d-9c6b-70f40d85ba0b/resourceGroups/rg1",
  "location": "westus",
  "managedBy": null,
  "name": "rg1",
  "properties": {
    "provisioningState": "Succeeded"
  },
  "tags": null,
  "type": "Microsoft.Resources/resourceGroups"
}
{
  "id": "/subscriptions/5b06583f-9e72-4b4d-9c6b-70f40d85ba0b/resourceGroups/rg2",
  "location": "westus",
  "managedBy": null,
  "name": "rg2",
  "properties": {
    "provisioningState": "Succeeded"
  },
  "tags": null,
  "type": "Microsoft.Resources/resourceGroups"
}
{
  "id": "/subscriptions/5b06583f-9e72-4b4d-9c6b-70f40d85ba0b/resourceGroups/rg3",
  "location": "westus",
  "managedBy": null,
  "name": "rg3",
  "properties": {
    "provisioningState": "Succeeded"
  },
  "tags": null,
  "type": "Microsoft.Resources/resourceGroups"
}
PS /home/anshul>
```

To list all the resource groups in West US:

"az group list -o table"



The screenshot shows a PowerShell terminal window with the command 'az group list -o table' executed. The output is a table listing all resource groups in the West US region, including their names, locations, and statuses.

```
PowerShell
PS /home/anshul> az group list -o table
Name                                Location    Status
-----
cloud-shell-storage-centralindia    centralindia Succeeded
rg1                                  westus      Succeeded
rg2                                  westus      Succeeded
rg3                                  westus      Succeeded
new-rg                              southcentralus Succeeded
rg-powershell                       southcentralus Succeeded
PS /home/anshul>
```

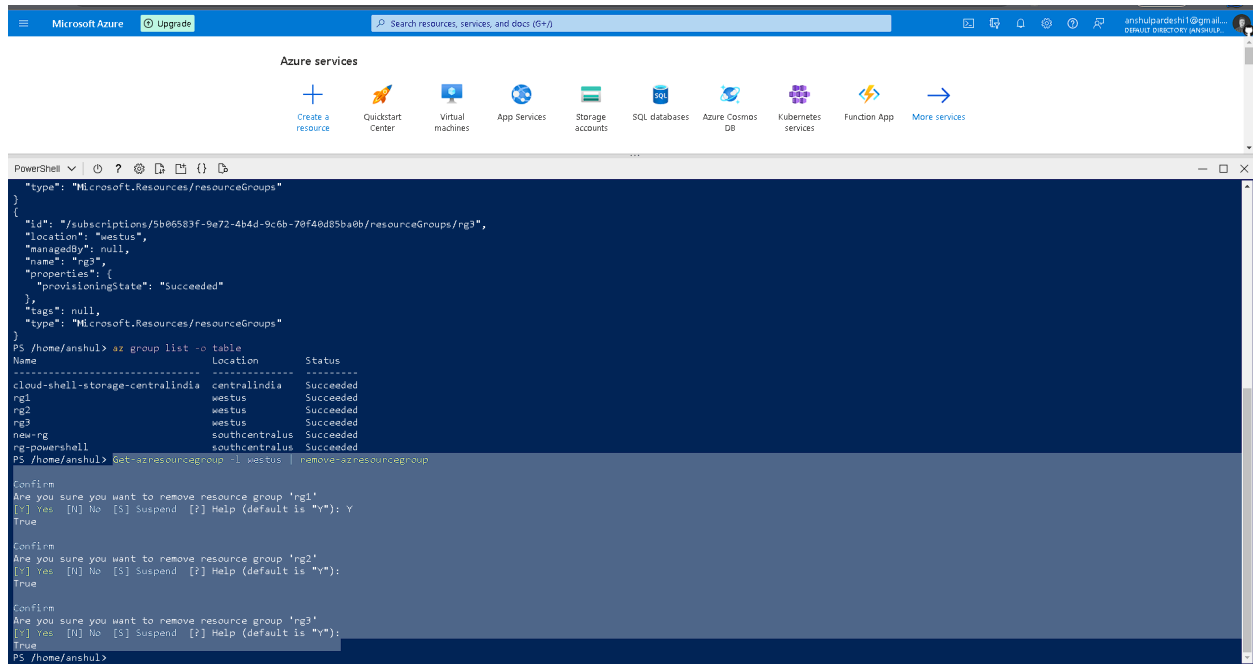
INTRODUCTION TO CLOUD COMPUTING: 4

Do the following tasks using Azure Powershell and Azure CLI:

1. Delete all the resource groups in the West US region using one command.

For this we use:

“Get-azresourcegroup -l westus | remove-azresourcegroup”



```
PS /home/anshul> az group list -o table
Name                                Location    Status
-----
cloud-shell-storage-centralindia    centralindia Succeeded
rg1                                  westus      Succeeded
rg2                                  westus      Succeeded
rg3                                  westus      Succeeded
new-rg                              southcentralus Succeeded
rg-powershell                      southcentralus Succeeded

PS /home/anshul> Get-azresourcegroup -l westus | remove-azresourcegroup

Confirm
Are you sure you want to remove resource group 'rg1'?
[Y] Yes [N] No [S] Suspend [?] Help (default is "Y"): Y
True

Confirm
Are you sure you want to remove resource group 'rg2'?
[Y] Yes [N] No [S] Suspend [?] Help (default is "Y"): Y
True

Confirm
Are you sure you want to remove resource group 'rg3'?
[Y] Yes [N] No [S] Suspend [?] Help (default is "Y"): Y
True

PS /home/anshul>
```