Practical Task 2: Create and Manage Resource Groups

Requirements:

- Use Azure CLI to create a new resource group named MyResourceGroup in the East US region.
- Use Azure PowerShell to create a new resource group named MyPSResourceGroup in the West Europe region.
- List all resource groups in your subscription using both CLI and PowerShell.
- Delete the resource group MyResourceGroup using Azure CLI.
- Delete the resource group MyPSResourceGroup using Azure PowerShell.

Practical Task 3: Deploy and Manage Virtual Machines using Azure CLI and PowerShell

Requirements:

- Use Azure CLI to create a new virtual machine named MyVM1 in a new resource group VMResourceGroup.
- Use Azure PowerShell to create another virtual machine named MyVM2 in the same resource group.
- Retrieve details about both virtual machines using both CLI and PowerShell.
- Stop MyVM1 using Azure CLI and MyVM2 using Azure PowerShell.
- Delete the virtual machines using the respective tools.

```
ResourceId           : /subscriptions/9a6ae428-d8c3-44fe-bdf2-4e08593901a0/resourceGroups/MC_OlhaBuchynska_1_task3-k8s_westeurope

ResourceGroupName : MyPSResourceGroup
Location          : westeurope
ProvisioningState : Succeeded
Tags              :
ResourceId        : /subscriptions/9a6ae428-d8c3-44fe-bdf2-4e08593901a0/resourceGroups/MyPSResourceGroup

PS />
PS />
PS />
PS /> Remove-AzResourceGroup -Name MyPSResourceGroup -Force
True
PS />
PS />
PS />
PS />
PS /> Get-AzResourceGroup

ResourceGroupName : StanislavKostenich
Location          : centralus
ProvisioningState : Succeeded
Tags              :
ResourceId        : /subscriptions/9a6ae428-d8c3-44fe-bdf2-4e08593901a0/resourceGroups/StanislavKostenich

ResourceGroupName : OleksandraLutsenko
Location          : centralus
ProvisioningState : Succeeded
Tags              :
                    Name   Value
                    ====   =====
                    test   group

ResourceId        : /subscriptions/9a6ae428-d8c3-44fe-bdf2-4e08593901a0/resourceGroups/OleksandraLutsenko

ResourceGroupName : YuliiaHrabovenko
Location          : centralus
ProvisioningState : Succeeded
Tags              :
ResourceId        : /subscriptions/9a6ae428-d8c3-44fe-bdf2-4e08593901a0/resourceGroups/YuliiaHrabovenko

ResourceGroupName : DmytroOlshanskyi
Location          : centralus
ProvisioningState : Succeeded
```

```
PS />
PS /> New-AzResourceGroup -Name MyPSResourceGroup -Location westeurope

ResourceGroupName : MyPSResourceGroup
Location          : westeurope
ProvisioningState : Succeeded
Tags              :
ResourceId        : /subscriptions/9a6ae428-d8c3-44fe-bdf2-4e08593901a0/resourceGroups/MyPSResourceGroup

PS />
PS /> Get-AzResourceGroup

ResourceGroupName : StanislavKostenich
Location          : centralus
ProvisioningState : Succeeded
Tags              :
ResourceId        : /subscriptions/9a6ae428-d8c3-44fe-bdf2-4e08593901a0/resourceGroups/StanislavKostenich

ResourceGroupName : OleksandraLutsenko
Location          : centralus
ProvisioningState : Succeeded
Tags              :
                    Name  Value
                    ====  =====
                    test  group

ResourceId        : /subscriptions/9a6ae428-d8c3-44fe-bdf2-4e08593901a0/resourceGroups/OleksandraLutsenko

ResourceGroupName : YuliiaHrabovenko
Location          : centralus
ProvisioningState : Succeeded
Tags              :
ResourceId        : /subscriptions/9a6ae428-d8c3-44fe-bdf2-4e08593901a0/resourceGroups/YuliiaHrabovenko

ResourceGroupName : DmytroOlshanskyi
Location          : centralus
ProvisioningState : Succeeded
Tags              :
                    Name  Value
                    ====  ================
                    user  DmytroOlshanskyi

ResourceId        : /subscriptions/9a6ae428-d8c3-44fe-bdf2-4e08593901a0/resourceGroups/DmytroOlshanskyi

ResourceGroupName : NetworkWatcherRG
```

```
root [ / ]#
root [ / ]# az group create --name devResourceGroup --location eastus -o table
Location    Name
----------  ----------------
eastus      devResourceGroup
root [ / ]# az group list --output table
Name                                                        Location        Status
----------------------------------------------------------  --------------  ---------
StanislavKostenich                                          centralus       Succeeded
OleksandraLutsenko                                          centralus       Succeeded
YuliiaHrabovenko                                            centralus       Succeeded
DmytroOlshanskyi                                            centralus       Succeeded
NetworkWatcherRG                                            centralus       Succeeded
MarkiianKhymynets                                           centralus       Succeeded
DefaultResourceGroup-CUS                                    centralus       Succeeded
DenisSlyusarenko                                            centralus       Succeeded
AnatoliiYakubyshyn                                          uksouth         Succeeded
DefaultResourceGroup-SUK                                    uksouth         Succeeded
SerhiiHomeniuk                                              uksouth         Succeeded
DefaultResourceGroup-CCAN                                   canadacentral   Succeeded
devapp_group                                                canadacentral   Succeeded
AndriiBesaha                                                eastus          Succeeded
VladyslavTkachuk                                            eastus          Succeeded
DefaultResourceGroup-EUS                                    eastus          Succeeded
MA_defaultazuremonitorworkspace-eus_eastus_managed          eastus          Succeeded
Serhii_Pavlenko_cli                                         eastus          Succeeded
MC_VladyslavTkachuk_kubeclutercap1_eastus                   eastus          Succeeded
devResourceGroup                                            eastus          Succeeded
YuriyShelest                                                northeurope     Succeeded
Serhii_Pavlenko                                             northeurope     Succeeded
defaultresourcegroup-neu                                    northeurope     Succeeded
DefaultResourceGroup-EAU                                    australiaeast   Succeeded
AnnaMushchynina                                             westeurope      Succeeded
Volodymyr-Dibrova                                           westeurope      Succeeded
DefaultResourceGroup-WEU                                    westeurope      Succeeded
ArtemNovak                                                  westeurope      Succeeded
OlhaBuchynska                                               westeurope      Succeeded
Olha_Buchynska2                                             westeurope      Succeeded
MC_Olha_Buchynska2_olhabuchynska-k8s_westeurope             westeurope      Succeeded
MA_defaultazuremonitorworkspace-weu_westeurope_managed      westeurope      Succeeded
OlhaBuchynska_1                                             westeurope      Succeeded
MC_OlhaBuchynska_1_task3-k8s_westeurope                     westeurope      Succeeded
root [ / ]#
```