Task1:

Poweshell command:

New-AzRoleAssignment -ObjectId <df9a343a-d749-4fe7-9dc4-94830182be7c> `

-RoleDefinitionName <contributor> `

-Scope /subscriptions/e01320f4-d7fd-45f5-9057-ad69aada895c/resourceGroups/nResourceGroup

New-AzRoleAssignment -SignInName <nirmals1623outlook.onmicrosoft.com> `

-RoleDefinitionName <Contributor> `

-ResourceGroupName <nresourcegroup>

Bash command:

az ad user show --id "{principalName}" --query "id" --output tsv

az role definition list --query "[].{name:name, roleType:roleType, roleName:roleName}" --output tsv

az role assignment create --assignee "{assignee}" \

--role "{roleNameOrId}" \

--resource-group "{resourceGroupName}"

az role assignment create --assignee "{assignee}" \

--role "{roleNameOrId}" \

--scope "/providers/Microsoft.Management/managementGroups/{managementGroupName}"

az role assignment create --assignee "nirmals1623@outlook.microsoft.com" \

--role "Virtual Machine Contributor" \

--resource-group "pharma-sales"

Task 2:

Bash Command:

az resource move \

--ids $myVM $nic $nsg $pip $vnet $storage \

--destination-group "nirDestinationResourceGroup"

Powershell command:

Move-AzResource -DestinationResourceGroupName "nirDestinationResourceGroup" `

-ResourceId '/subscriptions/e01320f4-d7fd-45f5-9057-ad69aada895c/resourceGroups/MyResourceGroup/providers/Microsoft.Compute/virtualMachines/myVM'

TASK 3:

Bash command:

definition=$(az policy definition list --query "[?displayName=='Allowed locations'].id" --output tsv)

az deployment sub create \

--name demoDeployment \

--location EastUS \

--template-uri "https://raw.githubusercontent.com/Azure/azure-docs-json-samples/master/azure-resource-manager/policyassign.json" \

--parameters policyDefinitionID=$definition policyName=setLocation policyParameters="{'listOfAllowedLocations': {'value': ['EastUS']} }"

Powershell command:

$definition = Get-AzPolicyDefinition | Where-Object { $\_.Properties.DisplayName -eq 'Allowed locations' }

$locations = @(" EastUS ")

$policyParams =@{listOfAllowedLocations = @{ value = $locations}}

New-AzSubscriptionDeployment `

-Name policyassign `

-Location EastUS `

-TemplateUri "https://raw.githubusercontent.com/Azure/azure-docs-json-samples/master/azure-resource-manager/policyassign.json" `

-policyDefinitionID $definition.PolicyDefinitionId `

-policyName setLocation `

-policyParameters $policyParams

Task 4:

Powershell command:

To set lock:

New-AzResourceLock -LockName LockGroup -LockLevel CanNotDelete -ResourceGroupName nirmal

To display locks:

Get-AzResourceLock

Get-AzResourceLock -ResourceGroupName nirmal

Bash command:

az lock create --name LockGroup --lock-type CanNotDelete --resource-group nirmal

az lock list --resource-group nirmal