

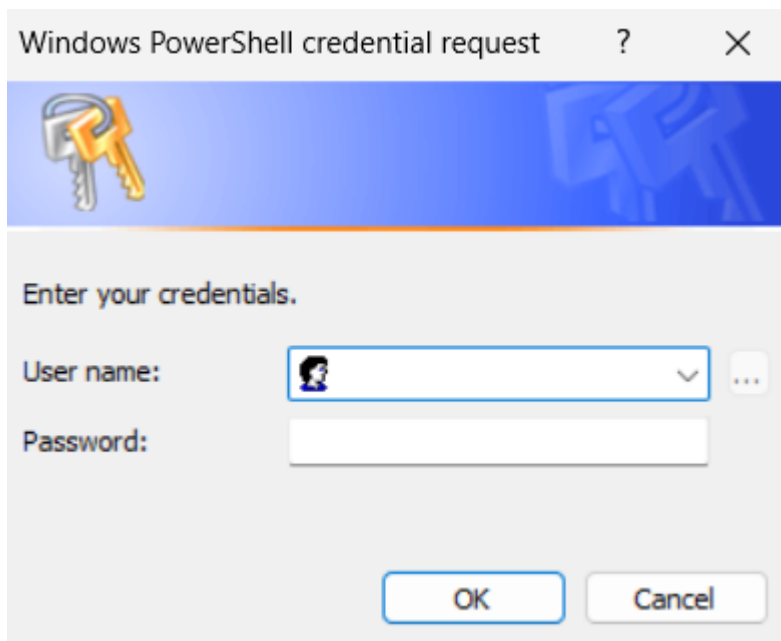


# Creating a Virtual Machine






1. Now create a new file in VS code and write this code to create a virtual machine.

```
09_virtualmachine.ps1
09_virtualmachine.ps1 > ...
1 $vmName="NewVM"
2 $VMSize="Standard_DS2_v2"
3 $Location="North Europe"
4
5 $Credential=Get-Credential
6
7 $vmConfig=New-AzVMConfig -Name $vmName -VMSize $VMSize
8 Set-AzVMOperatingSystem -VM $vmConfig -ComputerName $vmName -Credential $Credential -Windows
9
10 Set-AzVMSourceImage -VM $vmConfig -PublisherName "MicrosoftWindowsServer" `
11 -Offer "WindowsServer" -Skus "2022-Datacenter" -Version "latest"
12
13 $networkInterfaceName="app-interface"
14 $networkInterface=Get-AzNetworkInterface -Name $networkInterfaceName -ResourceGroupName $resource
15
16 $Vm=Add-AzVMNetworkInterface -VM $vmConfig -Id $networkInterface.Id
17
18 Set-AzVMBootDiagnostic -Disable -VM $Vm
19
20 New-AzVM -ResourceGroupName $resourceGroup -Location $Location -VM $Vm
```

2. Once you have run the script it will ask you to write down the credentials for logging into the VM.



3. After that go to your Portal and check for your VM.

<input type="checkbox"/> Name ↑↓	Type ↑↓	Location ↑↓	
<input type="checkbox"/>  app-interface	Network Interface	North Europe	...
<input type="checkbox"/>  app-ip	Public IP address	North Europe	...
<input type="checkbox"/>  app-network	Virtual network	North Europe	...
<input type="checkbox"/>  app-nsg	Network security group	North Europe	...
<input type="checkbox"/>  NewVM	Virtual machine	North Europe	...