Installing Azure CLI on your machine to list resources,get information about virtual machines.
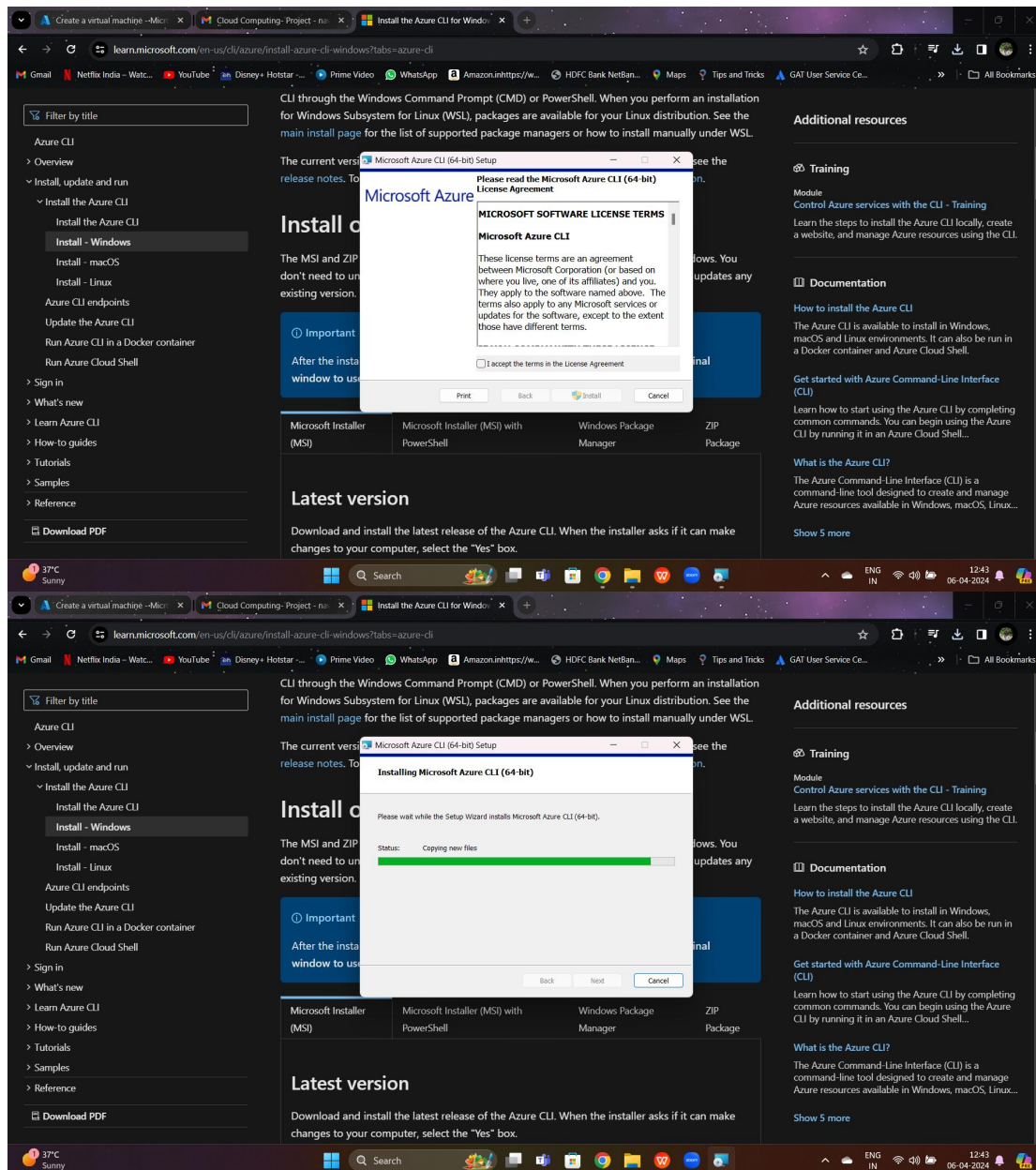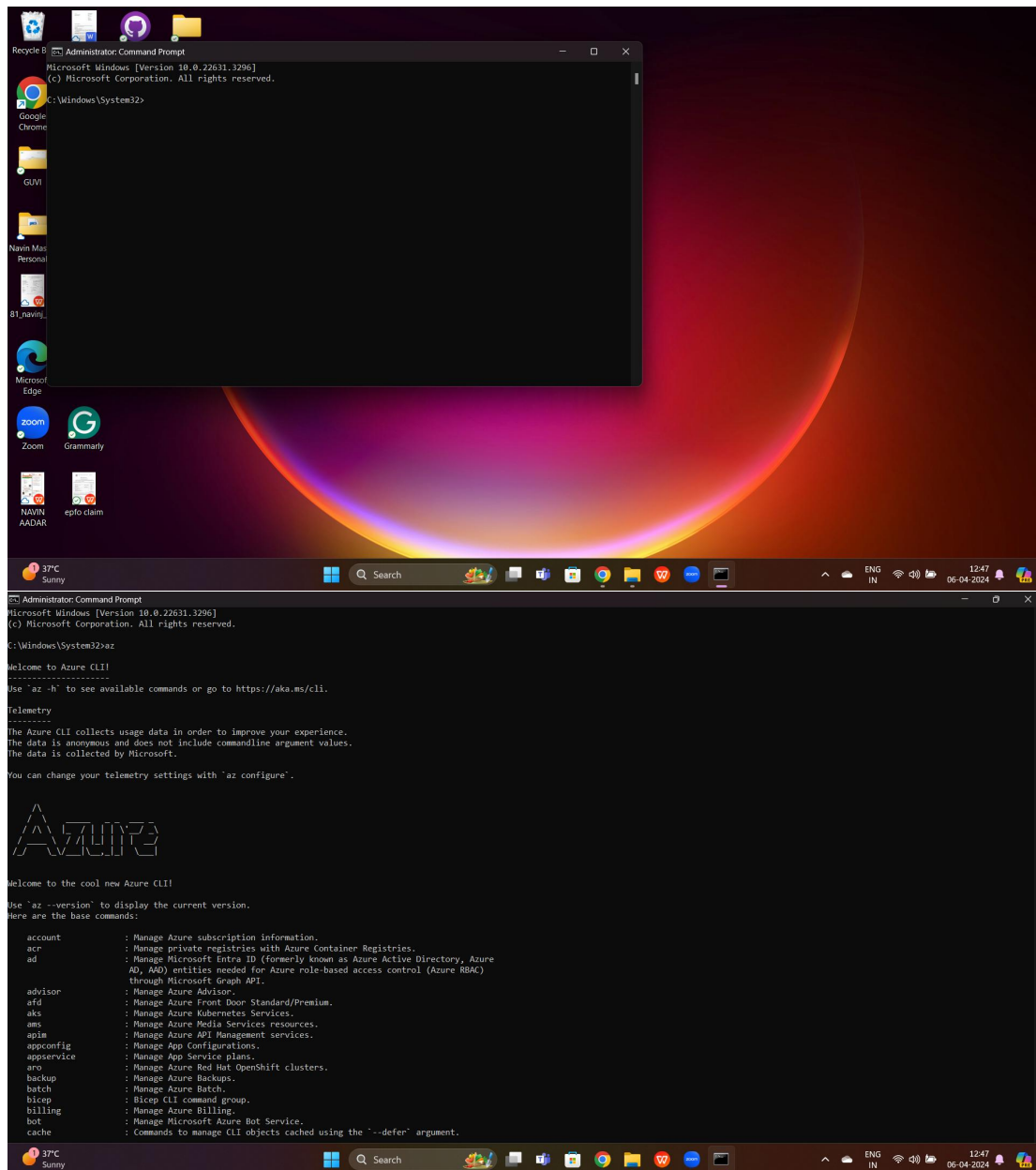

Here I have installed azure CLI.

Microsoft Windows [Version 10.0.22631.3296]
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C:\Windows\System32>

Microsoft Windows [Version 10.0.22631.3296]
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C:\Windows\System32>az

Welcome to Azure CLI!

Use `az -h` to see available commands or go to https://aka.ms/cli.

Telemetry

The Azure CLI collects usage data in order to improve your experience.
The data is anonymous and does not include commandline argument values.
The data is collected by Microsoft.

You can change your telemetry settings with `az configure`.

Welcome to the cool new Azure CLI!

Use `az --version` to display the current version.
Here are the base commands:

    account   : Manage Azure subscription information.
    acr   : Manage private registries with Azure Container Registries.
    ad   : Manage Microsoft Entra ID (formerly known as Azure Active Directory, Azure
                          AD, AAD) entities needed for Azure role-based access control (Azure RBAC)
                          through Microsoft Graph API.
    advisor   : Manage Azure Advisor.
    afd   : Manage Azure Front Door Standard/Premium.
    aks   : Manage Azure Kubernetes Services.
    ams   : Manage Azure Media Services resources.
    apim   : Manage Azure API Management services.
    appconfig   : Manage App Configurations.
    appservice   : Manage App Service plans.
    aro   : Manage Azure Red Hat OpenShift clusters.
    backup   : Manage Azure Backups.
    batch   : Manage Azure Batch.
    bicep   : Bicep CLI command group.
    billing   : Manage Azure Billing.
    bot   : Manage Microsoft Azure Bot Service.
    cache   : Commands to manage CLI objects cached using the `--defer` argument.

Confirmed the installation using CMD.

Administrator: Command Prompt

```
          role               : Manage Azure role-based access control (Azure RBAC).
          search             : Manage Azure Search services, admin keys and query keys.
          security           : Manage your security posture with Microsoft Defender for Cloud.
          servicebus         : Servicebus.
          sf                 : Manage and administer Azure Service Fabric clusters.
          sig                : Manage shared image gallery.
          signalr            : Manage Azure SignalR Service.
          snapshot           : Manage point-in-time copies of managed disks, native blobs, or other
                               snapshots.
          sql                : Manage Azure SQL Databases and Data Warehouses.
          sshkey             : Manage ssh public key with vm.
          stack              : A deployment stack is a native Azure resource type that enables you to
                               perform operations on a resource collection as an atomic unit.
          staticwebapp       : Manage static apps.
          storage            : Manage Azure Cloud Storage resources.
          survey             : Take Azure CLI survey.
          synapse            : Manage and operate Synapse Workspace, Spark Pool, SQL Pool.
          tag                : Tag Management on a resource.
          term               : Manage marketplace agreement with marketplaceordering.
          ts                 : Manage template specs at subscription or resource group scope.
          upgrade            : Upgrade Azure CLI and extensions.
          version            : Show the versions of Azure CLI modules and extensions in JSON format by
                               default or format configured by --output.
          vm                 : Manage Linux or Windows virtual machines.
          vmss               : Manage groupings of virtual machines in an Azure Virtual Machine Scale Set
                               (VMSS).
          webapp             : Manage web apps.

C:\Windows\System32>az login
A web browser has been opened at https://login.microsoftonline.com/organizations/oauth2/v2.0/authorize. Please continue the login in the web browser. If no web browser is available or if the web browser fails to
open, use device code flow with `az login --use-device-code`.
```

```
[
  {
    "cloudName": "AzureCloud",
    "homeTenantId": "ebbda4e1-d411-4c3c-97c8-80e18ab31d54",
    "id": "12f3e0d4-0be7-48f7-b0f5-98aab7b5131a",
    "isDefault": true,
    "managedByTenants": [],
    "name": "navintestshere",
    "state": "Enabled",
    "tenantId": "ebbda4e1-d411-4c3c-97c8-80e18ab31d54",
    "user": {
      "name": "navinjnavin64@gmail.com",
      "type": "user"
    }
  }
]
```

```
C:\Windows\System32>
```

```
survey            : Take Azure CLI survey.
synapse           : Manage and operate Synapse Workspace, Spark Pool, SQL Pool.
tag               : Tag Management on a resource.
term              : Manage marketplace agreement with marketplaceordering.
ts                : Manage template specs at subscription or resource group scope.
upgrade           : Upgrade Azure CLI and extensions.
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                    default or format configured by --output.
vm                : Manage Linux or Windows virtual machines.
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[
  {
    "cloudName": "AzureCloud",
    "homeTenantId": "ebbda4e1-d411-4c3c-97c8-80e18ab31d54",
    "id": "12f3e0d4-0be7-48f7-b0f5-98aab7b5131a",
    "isDefault": true,
    "managedByTenants": [],
    "name": "navintestshere",
    "state": "Enabled",
    "tenantId": "ebbda4e1-d411-4c3c-97c8-80e18ab31d54",
    "user": {
      "name": "navinjnavin64@gmail.com",
      "type": "user"
    }
  }
]

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```

```
      }
    },
    "storageProfile": {
      "dataDisks": [],
      "diskControllerType": "SCSI",
      "imageReference": {
        "communityGalleryImageId": null,
        "exactVersion": "20.04.202403190",
        "id": null,
        "offer": "0001-com-ubuntu-server-focal",
        "publisher": "canonical",
        "sharedGalleryImageId": null,
        "sku": "20_04-lts-gen2",
        "version": "latest"
      },
      "osDisk": {
        "caching": "ReadWrite",
        "createOption": "FromImage",
        "deleteOption": "Delete",
        "diffDiskSettings": null,
        "diskSizeGb": 30,
        "encryptionSettings": null,
        "image": null,
        "managedDisk": {
          "diskEncryptionSet": null,
          "id": "/subscriptions/12f3e0d4-0be7-48f7-b0f5-98aab7b5131a/resourceGroups/navintestshere/providers/Microsoft.Compute/disks/navintestshere_disk1_f477e1ffc53f4c87a1389cae34b6fa85",
          "resourceGroup": "navintestshere",
          "securityProfile": null,
          "storageAccountType": "Premium_LRS"
        },
        "name": "navintestshere_disk1_f477e1ffc53f4c87a1389cae34b6fa85",
        "osType": "Linux",
        "vhd": null,
        "writeAcceleratorEnabled": null
      }
    },
    "tags": null,
    "timeCreated": "2024-04-06T07:16:07.532865+00:00",
    "type": "Microsoft.Compute/virtualMachines",
    "userData": null,
    "virtualMachineScaleSet": null,
    "vmId": "f51813e7-4d4f-4812-92e7-74ccd7906946",
    "zones": [
      "1"
    ]
  }
]

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```

```
    "sku": null,
    "tags": null,
    "type": "Microsoft.Network/virtualNetworks"
  },
  {
    "changedTime": "2024-04-06T05:48:47.279618+00:00",
    "createdTime": "2024-04-06T05:38:44.087691+00:00",
    "extendedLocation": null,
    "id": "/subscriptions/12f3e0d4-0be7-48f7-b0f5-98aab7b5131a/resourceGroups/navintestshere/providers/Microsoft.Web/serverFarms/ASP-navintestshere-b158",
    "identity": null,
    "kind": "app",
    "location": "eastus",
    "managedBy": null,
    "name": "ASP-navintestshere-b158",
    "plan": null,
    "properties": null,
    "provisioningState": "Succeeded",
    "resourceGroup": "navintestshere",
    "sku": {
      "capacity": 0,
      "family": "F",
      "model": null,
      "name": "F1",
      "size": "F1",
      "tier": "Free"
    },
    "tags": {},
    "type": "Microsoft.Web/serverFarms"
  },
  {
    "changedTime": "2024-04-06T07:02:14.036992+00:00",
    "createdTime": "2024-04-06T06:52:12.978632+00:00",
    "extendedLocation": null,
    "id": "/subscriptions/12f3e0d4-0be7-48f7-b0f5-98aab7b5131a/resourceGroups/NetworkWatcherRG/providers/Microsoft.Network/networkWatchers/NetworkWatcher_eastus",
    "identity": null,
    "kind": null,
    "location": "eastus",
    "managedBy": null,
    "name": "NetworkWatcher_eastus",
    "plan": null,
    "properties": null,
    "provisioningState": "Succeeded",
    "resourceGroup": "NetworkWatcherRG",
    "sku": null,
    "tags": null,
    "type": "Microsoft.Network/networkWatchers"
  }
]
```