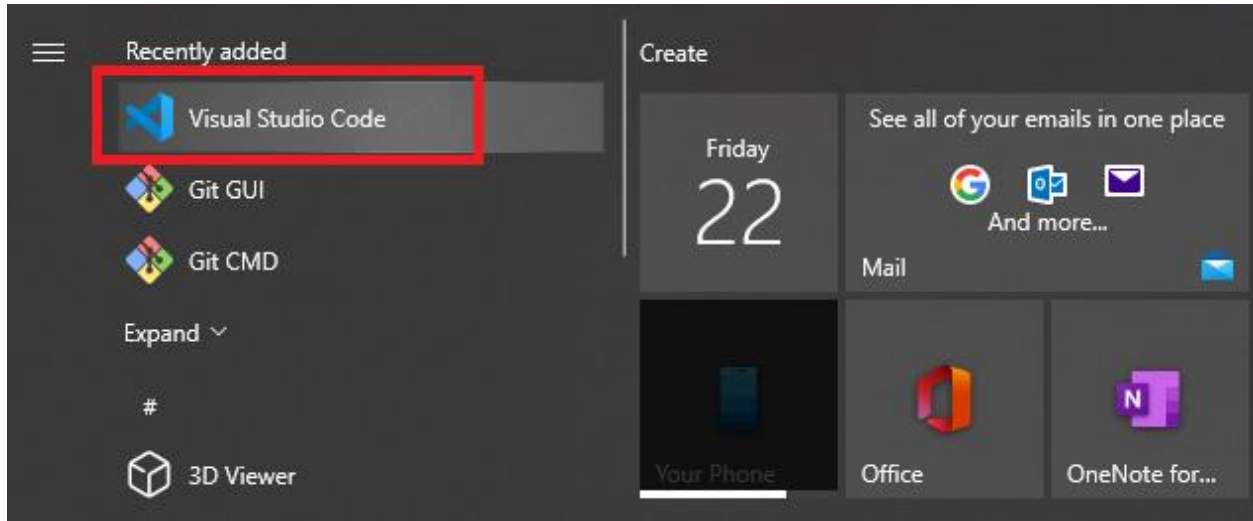
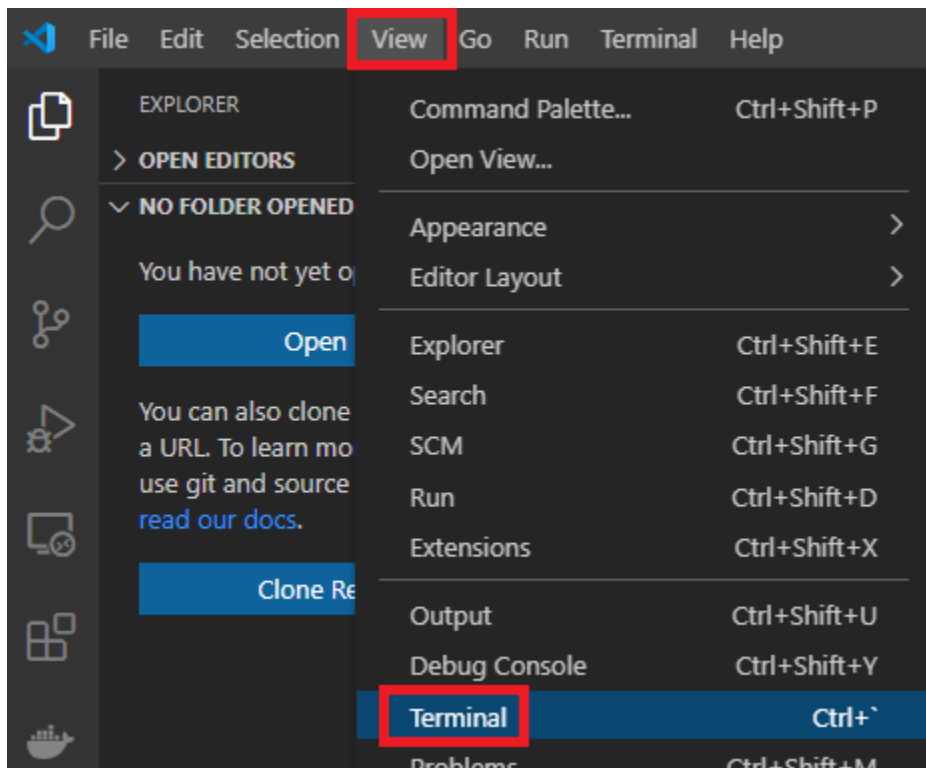


Check All Pre-Requisite are installed

Open Visual Studio Code:



Open terminal:

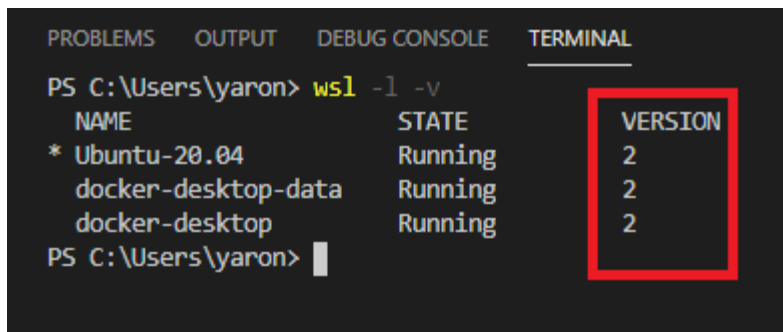


Run the commands below to verify all applications and tools are installed:

winver – check the latest version of windows 10 is installed.



wsl -l -v – check wsl version 2 is installed.



kubectl version – check Kubernetes command tool is installed

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
PS C:\Users\yaron> kubectl version
Client Version: version.Info{Major:"1", Minor:"19", GitVersion:"v1.19.3", GitCommit:"1e11e4a21080249
n", BuildDate:"2020-10-14T12:50:19Z", GoVersion:"go1.15.2", Compiler:"gc", Platform:"windows/amd64"}
Server Version: version.Info{Major:"1", Minor:"19", GitVersion:"v1.19.3", GitCommit:"1e11e4a21080249
n", BuildDate:"2020-10-14T12:41:49Z", GoVersion:"go1.15.2", Compiler:"gc", Platform:"linux/amd64"}
PS C:\Users\yaron> |
```

kubectl get nodes – check Kubernetes is installed with docker-desktop node.

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
PS C:\Users\yaron> kubectl get nodes
NAME          STATUS    ROLES    AGE   VERSION
docker-desktop Ready    master   7d19h v1.19.3
PS C:\Users\yaron> |
```

Kubectl get images – check that default Kubernetes images exists

```
PROBLEMS 8 OUTPUT DEBUG CONSOLE TERMINAL 1: powershell
PS C:\Kubernetes\EmployeesManagement\manifests> docker images
REPOSITORY          TAG                IMAGE ID           CREATED           SIZE
docker/desktop-kubernetes  kubernet...-v1.19.3-cni-v0.8.5-critools-v1.17.0  7f85afe431d8      3 months ago     285MB
k8s.gcr.io/kube-proxy  v1.19.3           cdef7632a242      3 months ago     118MB
k8s.gcr.io/kube-controller-manager v1.19.3           9b60aca1d818      3 months ago     111MB
k8s.gcr.io/kube-scheduler v1.19.3           aaefbfa906bd      3 months ago     45.7MB
k8s.gcr.io/kube-apiserver v1.19.3           a301be0cd44b      3 months ago     119MB
k8s.gcr.io/etcd        3.4.13-0          0369cf4303ff      4 months ago     253MB
k8s.gcr.io/coredns     1.7.0             bfe3a36ebd25      7 months ago     45.2MB
docker/desktop-storage-provisioner v1.1             e704287ce753      10 months ago    41.8MB
docker/desktop-vpnkit-controller v1.0             79da37e5a3aa      10 months ago    36.6MB
k8s.gcr.io/pause       3.2              80d28bedfe5d      11 months ago    683kB
PS C:\Kubernetes\EmployeesManagement\manifests> |
```

dotnet --version – check dotnet version 5 is installed.

```
PROBLEMS 8 OUTPUT DEBUG CONSOLE TERMINAL
PS C:\Kubernetes\EmployeesManagement\manifests> dotnet --version
3.1.405
PS C:\Kubernetes\EmployeesManagement\manifests> |
```

git version – check git source control is installed.

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL
PS C:\Users\yaron> git version
git version 2.30.0.windows.2
PS C:\Users\yaron> 
```

dotnet tool install --global dotnet-ef – dotnet entity framework for database update (dotnet ef database update)

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL
To trust the certificate run 'dotnet dev-certs https --trust' (Windows and macOS only).
Learn about HTTPS: https://aka.ms/dotnet-https
-----
Write your first app: https://aka.ms/dotnet-hello-world
Find out what's new: https://aka.ms/dotnet-whats-new
Explore documentation: https://aka.ms/dotnet-docs
Report issues and find source on GitHub: https://github.com/dotnet/core
Use 'dotnet --help' to see available commands or visit: https://aka.ms/dotnet-cli
-----
You can invoke the tool using the following command: dotnet-ef
Tool 'dotnet-ef' (version '5.0.2') was successfully installed.
PS C:\Users\yaron> dotnet tool install --global dotnet-ef
```

Done!