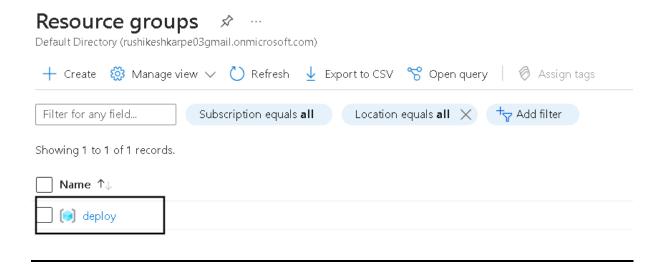
## #How to deploy Docker image using Azure service

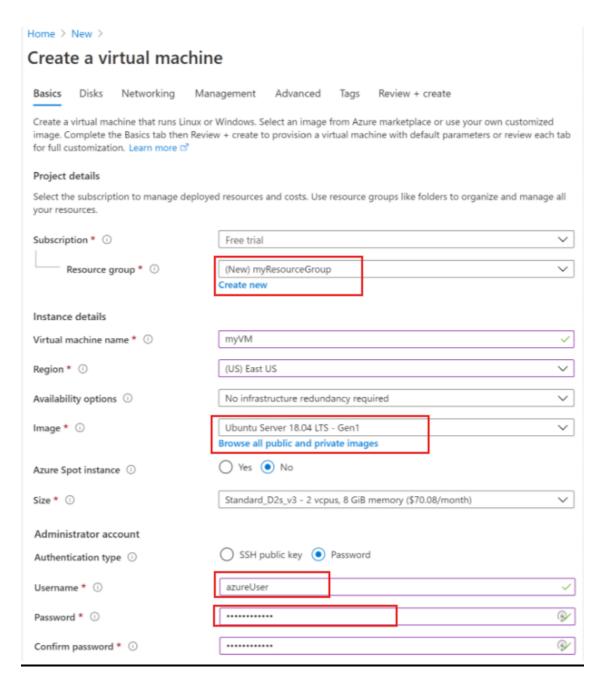
## Why Azure Docker images?

It helps developers quickly deploy applications with the help of Docker CLI or VS Code extension to switch best and seamless development from a local environment to cloud deployment.

## Steps—

Create a resource group → Create a virtual machine of ubuntu → here you have to give username and password → after creating VM → Go to resource → Open the powershell and type the following commands....





Here you have to select the suitable region and image type as **Ubuntu Server 18.04 LTS – Gen1** 

Now open the Windows Powershell and type commands—

ssh username@public Ip Address

sudo su

sudo apt update -y

sudo apt upgrade -y

sudo apt install docker.io -y

systemctl status docker

Ctrl+C

vi index.html

cat index.html

docker images

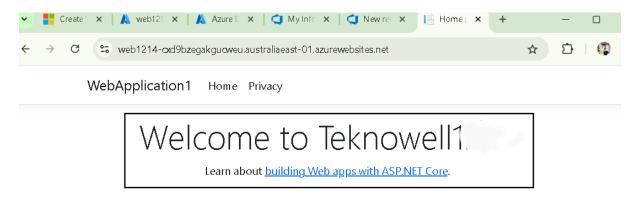
vi DockerFile

docker build -t img1:v1.

docker images

docker run -p 80:80 img1:v1

Then go to Azure portal and copy the Public IP Address paste it on browser. It will deploy your 1<sup>st</sup> docker image.



By using the same steps we can make 2<sup>nd</sup> image on the same session. To do that use the following commands on that session..

Firstly make the duplicate session of powershell by clicking on the top of terminal.

## On duplicate session:

sudo su

vi index.html

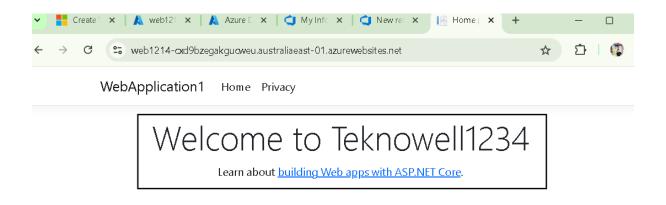
cat index.html

docker build -t img2:v1.

docker images

docker run -p 50:80 img2:v1

Then go to Azure portal and copy the Public IP Address paste it on browser. It will deploy your 2<sup>nd</sup> docker image.



For terminating the docker image use can use following commands..

sudo su

docker ps

docker stop (Container Id)

docker ps -a

At the last delete the Virtual machine and Resource group.