**How to create Docker compose**

What is Docker compose:

Ans: Docker compose is a tool for defining & running multi-container docker applications.

It uses YAML files to configure application services (docker-compose.yml)

We can start all services with a single command: **docker** **compose up**

We can stop all services with a single command: **docker compose down**

And also we can scale up selected services when required

Install Docker compose

2 ways to install

Docker-compose –v

Docker-compose version

docker compose usinhg docker-compose.yml file

Ex:

Vi docker-compose.yml

Version: ‘1’

Services:

Web:

Image: nginx

Database:

Images: redis

--- > Save and exit

Check the validity of file by

$ docker-compose config

Run docker-compose file using

$ docker-compose up –d (terminal in detach mode)

TO scale particular services

$ docker-compose up –d - - scale database=4(we need to define that how many instances should be in scale)