Steps to deploy Docker

* We will be using two machines. The first machine is known as the Docker client. This machine can be considered as the development box.
* The second machine is the Docker machine or docker server. The production code is to be deployed here,
* ON the client install docker or docker tool box (for windows home version and MAC OS X)
* Next using the docker quick start terminal execute the next steps
* From the client connect or create to the docker machine.
* You can do this by issuing the command docker-machine create <name>

Reference: <https://docs.docker.com/machine/get-started/>

* After creating the machine create a Dockerfile for the node project. Please find the attachment of Dockerfile
* Using the docker file build an image for the project on the docker machine
* <https://nodejs.org/en/docs/guides/nodejs-docker-webapp/>
* One the image is created without errors check the image using docker images
* Before we run the node app we will need the DB for which we need to install mongo on docekr
* Use the command docker pull mongo
* An image would be created.
* Next run this image
* http://codehangar.io/mongodb-image-instance-with-docker-toolbox-tutorial/
* After this deploy the node image as a container using docker run command
* Now you can run the node app

Note:

The following changes are to be made on the files.

Line no 39 server.js

this.app.listen(this.port,"0.0.0.0",() => {

Line no 22 db.config.js

'url' : 'mongodb://192.168.99.100:27017/lyncschoolindia'