**Lesson 7 Demo 3**

**Creating a Docker Image**



Steps to be followed:

1. Creating the Dockerfile
2. Executing the Dockerfile

**Step 1: Creating the Dockerfile**

1.1 Create a directory

***mkdir demo***

***cd demo***



1.2 Create the Dockerfile

***vi Dockerfile***



1.3 Add the following code snippet to the Dockerfile

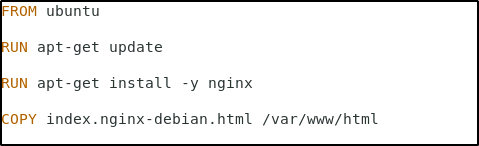
***FROM ubuntu***

***RUN apt-get update***

***RUN apt-get install -y nginx***

***COPY index.nginx-debian.html /var/www/html***

***CMD nginx -g 'daemon off;'***

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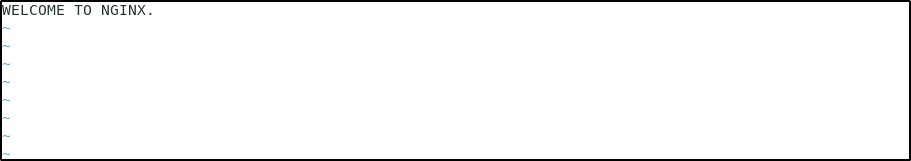
1.4 Create another file in the same directory

***vi index.nginx-debian.html***

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1.5 Add the following welcome message to the index file

***WELCOME TO NGINX.***

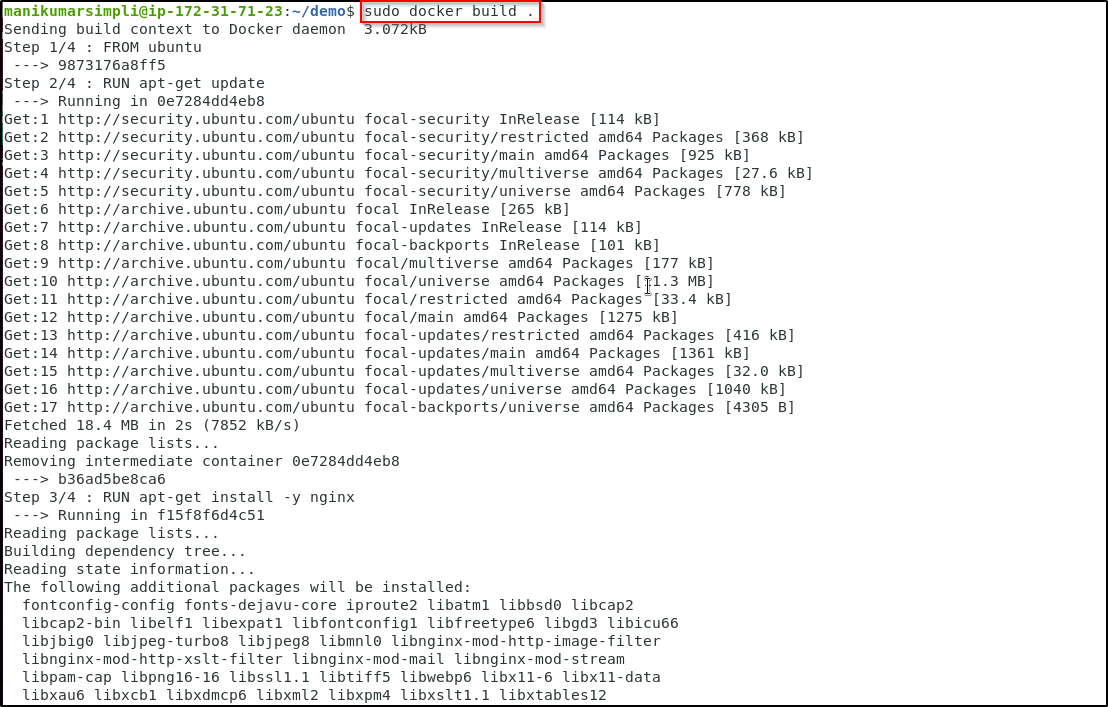




**Step 2: Executing the file**

2.1 Execute the Dockerfile (note that there is space between **build** and **“.”**)

***sudo docker build .***

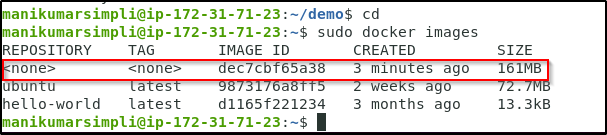
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2.2 Navigate to the root folder, and list the images to check the newly created Docker image

***cd***

***sudo* *docker images***

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