# DOCKER IMAGE CREATION PROCESS

The first part of the code above is:
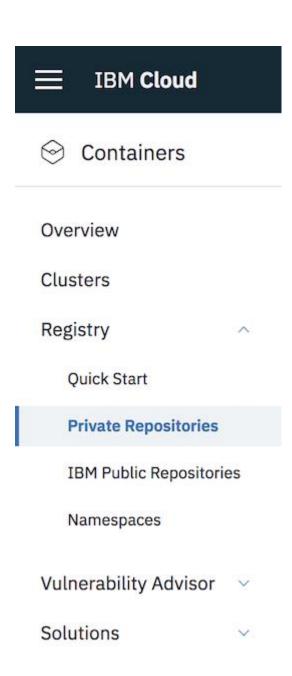
```
FROM python:2.7
```

Let's look at the next part of the code:

```
LABEL maintainer="paru parkavi, paruparkavi@ibm.com"
RUN apt-get update
```

Note the maintainer and update the Ubuntu package index. The command is RUN, which is a function that runs the command after it.

```
RUN mkdir /app
WORKDIR /app
COPY . /app
```

3. Install the Container Registry plug-in.

```
ibmcloud plugin install container-registry -r "IBM Cloud"
```

4. Log in to your IBM Cloud account.

```
ibmcloud login -a <cloud_foundary_end_point_for_the_region>
```

5. Name and create your namespace. Use this namespace for the rest of the Quick Start.
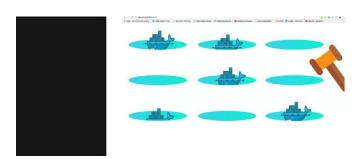
```
ibmcloud cr namespace-add <namespace>
```

6. Log your local Docker daemon into the IBM Cloud Container Registry.

```
ibmcloud cr login
```

7.Choose a repository and tag by which you can identify the image.

```
docker tag <image_name> <region_url>/<namespace>/<image_name>:<tag>
```

8.Push the image.

```
docker push <region_url>/<namespace>/<image_name>:<tag>
```

9. The output image of docker is