**Docker Case Study 2**

1. Take Clone from git to VM

$: ***git clone*** [***https://github.com/edurekacontent/dockerContent.git***](https://github.com/edurekacontent/dockerContent.git)

1. Create a docker file for httpd container

**dockerfile**

*FROM httpd:2.4*

*COPY /. /usr/local/apache2/htdocs*

*EXPOSE 80*

1. Build a docker file with current context of webapp

$: ***docker build -t my-apache2 .***

1. Tag a image to push it in a docker hub

$: ***docker tag my-apache2 1767526/mywebapp:v3***

1. *Push tagged image in a docker hub repository*

*$:* ***docker push 1767526/mywebapp:v3***

1. Running a docker container from image

$: ***docker container run -d –name my-running-app5 -v $(pwd):/htdocs -p 8080:80 my-apache2***

1. Scaling a container using docker-compose.yml file

**docker-compose.yml**

*version: ‘3’*

*services:*

*webserver:*

*image: my-apache2*

*ports: “80”*

*restart: always*

1. Scaling command

$: ***docker-compose -f docker-compose.yml up –scale webserver=5 -d***

**Screenshots:**









