[2:20 PM] Sandeep Dawre

Everyone, PFB

Here is DOCKER Hands on Lab 04.

Deadline :- 16 Jan 2024 till 2:30 PM

- 1. Pull the Busy-box image to your local system, tag it, and push it to the Docker Hub repository "yourname_cloudethix_busybox.
- 2. In your project directory, create a Dockerfile (named Dockerfile) with the following content.

FROM nginx:latest

COPY custom-index.html /usr/share/nginx/html/index.html
Ensure you also have a file named custom-index.html in the same directory.
Build the Docker image using the Dockerfile you created and push it your repository.

Delete the local image.

Start a new container using the custom Nginx image that you just pushed. Map port 8080 on your host to port 80 in the container. Check the container page in browser.

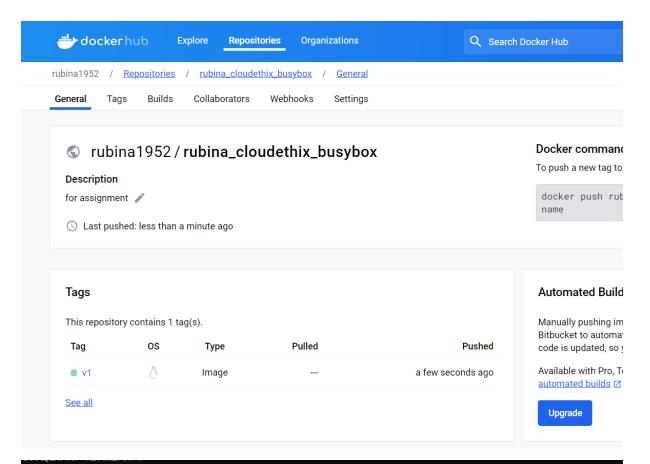
like 1

root@LAPTOP-H278KEF6:~# docker pull busybox Using default tag: latest latest: Pulling from library/busybox a307d6ecc620: Pull complete Digest: sha256:ba76950ac9eaa407512c9d859cea48114eeff8a6f12ebaa5d32ce79d4a017dd8 Status: Downloaded newer image for busybox:latest docker.io/library/busybox:latest root@LAPTOP-H278KEF6:~# docker image ls REPOSITORY TAG IMAGE ID CREATED SIZE updateimage latest 2d2c5c3cbfea 47 hours ago 77.9MB 2701269af864 6 days ago rubina 584MB v3 6 days ago this_image latest 2701269af864 584MB 2701269af864 rubina1952/docker1st 6 days ago v1 584MB rubina1952/docker1st rubina1952/git_rep 6 days ago v2 2701269af864 584MB 2701269af864 v3 584MB 6 days ago rubina1952/pra_practice ν4 2701269af864 584MB 6 days ago rubina1952/pracctice_ass v5 2701269af864 584MB 6 days ago 4 weeks ago 4 weeks ago busybox latest 9211bbaa0dbd 4.26MB ubuntu 77.9MB 174c8c134b2a latest nginx latest d453dd892d93 2 months ago 187MB httpd latest 6fd77d7e5eb7 2 months ago 167MB

root@LAPTOP-H278KEF6:~# docker image tag busybox rubina1952/rubina_cloudethix_busybox:v1 root@LAPTOP-H278KEF6:~#

root@LAPTOP-H278KEF6:~# docker image	lc	orarrareoebr	z monens ago	107110
REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
updateimage	latest	2d2c5c3cbfea	47 hours ago	77.9MB
rubina1952/pra_practice	v4	2701269af864	6 days ago	584MB
rubina1952/pracctice_ass	v5	2701269af864	6 days ago	584MB
rubina	v3	2701269af864	6 days ago	584MB
this_image	latest	2701269af864	6 days ago	584MB
rubina1952/docker1st	v1	2701269af864	6 days ago	584MB
rubina1952/docker1st	v2	2701269af864	6 days ago	584MB
rubina1952/git_rep	v3	2701269af864	6 days ago	584MB
busybox	latest	9211bbaa0dbd	4 weeks ago	4.26MB
rubina1952/rubina_cloudethix_busybox	v1	9211bbaa0dbd	4 weeks ago	4.26MB
ubuntu	latest	174c8c134b2a	4 weeks ago	77.9MB
nginx	latest	d453dd892d93	2 months ago	187MB
httpd	latest	6fd77d7e5eb7	2 months ago	167MB
root@LAPTOP-H278KEF6:~#				

root@LAPTOP-H278KEF6:~# docker push rubina1952/rubina_cloudethix_busybox:v1
The push refers to repository [docker.io/rubina1952/rubina_cloudethix_busybox]
82ae998286b2: Mounted from library/busybox
v1: digest: sha256:7de5fa822a9d1e507c36565ee0cf50c08faa64505461c844a3ce3944d23efa35 size: 527
root@LAPTOP-H278KEF6:~# |



root@LAPTOP-H278KEF6:~# mkdir project root@LAPTOP-H278KEF6:~# cd project/ root@LAPTOP-H278KEF6:~/project# vim dockerfile

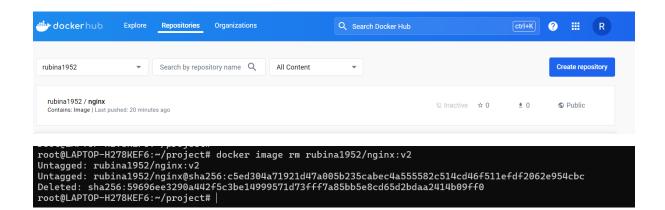
```
FROM nginx:latest
COPY custom-index.html /usr/share/nginx/html/index.html
"dockerfile" 3L, 75C
```

root@LAPTOP-H278KEF6:~/project# cat custom-index.html hello this is my 4th docker assignment. root@LAPTOP-H278KEF6:~/project# |

```
root@LAPTOP-H278KEF6:~/project# vim custom-index.html
root@LAPTOP-H278KEF6:~/project# docker image build -t rubina1952/nginx:v2 .
[+] Building 0.2s (7/7) FINISHED
=> [internal] load .dockerignore
=> => transferring context: 2B
=> [internal] load build definition from dockerfile
=> => transferring dockerfile: 112B
=> [internal] load metadata for docker.io/library/nginx:latest
=> [internal] load build context
=> => transferring context: 84B
=> [1/2] FROM docker.io/library/nginx:latest
=> [2/2] COPY custom-index.html /usr/share/nginx/html/index.html
=> exporting to image
=> => exporting layers
=> => writing image sha256:59696ee3290a442f5c3be14999571d73fff7a85bb5e8cd65d2bdaa2414b09ff0
=> => naming to docker.io/rubina1952/nginx:v2
root@LAPTOP-H278KEF6:~/project#
```

```
oot@LAPTOP-H278KEF6:~/project# docker image ls
                                                         IMAGE ID
REPOSITORY
                                                                          CREATED
                                                                                             SIZE
rubina1952/nginx
                                                         59696ee3290a
                                                                                             187MB
                                                                          3 minutes ago
updateimage
rubina1952/docker1st
                                                         2d2c5c3cbfea
                                                                                             77.9MB
                                             latest
                                                                          47 hours ago
                                             v1
v2
                                                         2701269af864
                                                                          6 days ago
                                                                                             584MB
rubina1952/docker1st
                                                         2701269af864
                                                                          6 days ago
                                                                                             584MB
rubina1952/git_rep
rubina1952/pra_practice
rubina1952/pracctice_ass
                                                         2701269af864
                                                                          6 days ago
                                                                                             584MB
                                             v4
                                                         2701269af864
                                                                          6 days ago
                                                                                             584MB
                                             v5
                                                         2701269af864
                                                                                             584MB
                                                                          6 days ago
                                                        2701269af864
                                                                                             584MB
                                             v3
                                                                          6 days ago
rubina
                                                        2701269af864
                                                                                             584MB
this_image
                                             latest
                                                                          6 days ago
                                                                                            4.26MB
4.26MB
busybox
                                             latest
                                                         9211bbaa0dbd
                                                                          4 weeks ago
                                                                          4 weeks ago
rubina1952/rubina_cloudethix_busybox
                                                         9211bbaa0dbd
                                             v1
                                                                                            77.9MB
187MB
                                             latest
                                                        174c8c134b2a
                                                                          4 weeks ago
ubuntu
                                                        d453dd892d93
nainx
                                             latest
                                                                          2 months ago
httpd
                                             latest
                                                        6fd77d7e5eb7
                                                                          2
                                                                            months ago
                                                                                             167MB
```

```
root@LAPTOP-H278KEF6:~/project# docker push rubina1952/nginx:v2
The push refers to repository [docker.io/rubina1952/nginx]
28f907cb4ec4: Pushed
b074db3b55e1: Mounted from library/nginx
e50c68532c4a: Mounted from library/nginx
01aaa195cdad: Mounted from library/nginx
01aaa195cdad: Mounted from library/nginx
2a13e6a7cca6: Mounted from library/nginx
370869eba6e9: Mounted from library/nginx
7292cf786aa8: Mounted from library/httpd
v2: digest: sha256:c5ed304a71921d47a005b235cabec4a555582c514cd46f511efdf2062e954cbc size: 1985
root@LAPTOP-H278KEF6:~/project# |
```





hello this is my 4th docker assignment.