

ریحانه باقری ۹۸۳۱۰۱۲

گزارش گام ۱:

۱- ساخت ایمیج

. docker build -t imagetest .

```
PS E:\CC\project2> docker build -t imagetest .
[+] Building 684.2s (6/6) FINISHED
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 397B
=> [internal] load .dockerignore
=> => transferring context: 2B
=> [internal] load metadata for docker.io/library/ubuntu:latest
=> [1/2] FROM docker.io/library/ubuntu:latest@sha256:27cb6e6cccf575a4698b66f5de06c7ecd61589132d5a91d098f7f3f9285415a9
=> => resolve docker.io/library/ubuntu:latest@sha256:27cb6e6cccf575a4698b66f5de06c7ecd61589132d5a91d098f7f3f9285415a9
=> => sha256:6b7d7fae8f8db1e8ad425dd965a1049d984f31cf0ad57fa6d5377cca355e65f03 1.46kB / 1.46kB
=> => sha256:6e3729cf69e0ce2de9e779575a1fec8b7fb5efdfa822829290ab6d5d1bc3e797 30.43MB / 30.43MB
=> => sha256:27cb6e6cccf575a4698b66f5de06c7ecd61589132d5a91d098f7f3f9285415a9 1.42kB / 1.42kB
=> => sha256:965fbcae990b0467ed5657caceaec165018ef44a4d2d46c7cdea80a9dff0d1ea 529B / 529B
=> => extracting sha256:6e3729cf69e0ce2de9e779575a1fec8b7fb5efdfa822829290ab6d5d1bc3e797
=> [2/2] RUN apt-get update && apt-get install -y curl
=> exporting to image
=> => exporting layers
=> => writing image sha256:012a0a1c165b96211b1e8ffbc2546920cc23e41892376287f495ee5bffffcc03a
=> => naming to docker.io/library/imagetest

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them
PS E:\CC\project2> docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
imagetest            latest             012a0a1c165b       About a minute ago 125MB
python               latest             00cd1fb8bdcc       7 weeks ago        932MB
kicbase/stable       v0.0.36           866c1fe4e3f2       7 weeks ago        1.11GB
gcr.io/k8s-minikube/kicbase v0.0.36           866c1fe4e3f2       7 weeks ago        1.11GB
alpine/curl          latest             6c746001fe6d       12 months ago      7.71MB
redis                latest             02c7f2054405       15 months ago      105MB
python               3.9.6-alpine      0238e48b207f       15 months ago      45.1MB
PS E:\CC\project2>
```

۱- لیست ایمیج ها

docker images

```
PS E:\CC\project2> docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
imagetest            latest             012a0a1c165b       About a minute ago 125MB
python               latest             00cd1fb8bdcc       7 weeks ago        932MB
kicbase/stable       v0.0.36           866c1fe4e3f2       7 weeks ago        1.11GB
gcr.io/k8s-minikube/kicbase v0.0.36           866c1fe4e3f2       7 weeks ago        1.11GB
alpine/curl          latest             6c746001fe6d       12 months ago      7.71MB
redis                latest             02c7f2054405       15 months ago      105MB
python               3.9.6-alpine      0238e48b207f       15 months ago      45.1MB
PS E:\CC\project2>
```

۲- تگ گذاری ایمیج

docker tag imagetest rey2rey/myimagehub

برای آنکه image را بر روی داکر هاب ببریم :

```
PS E:\CC\project2> docker tag imagetest rey2rey/myimagehub
PS E:\CC\project2> docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
imagetest            latest             012a0a1c165b       21 minutes ago     125MB
rey2rey/myimagehub   latest             012a0a1c165b       21 minutes ago     125MB
python               latest             00cd1fb8bdcc       7 weeks ago        932MB
kicbase/stable       v0.0.36           866c1fe4e3f2       7 weeks ago        1.11GB
gcr.io/k8s-minikube/kicbase v0.0.36           866c1fe4e3f2       7 weeks ago        1.11GB
alpine/curl          latest             6c746001fe6d       12 months ago      7.71MB
redis                latest             02c7f2054405       15 months ago      105MB
python               3.9.6-alpine      0238e48b207f       15 months ago      45.1MB
PS E:\CC\project2>
```

3- قرار دادن ایمج در داکر هاب

برای آنکه در داکر پوش بکنیم :

`docker image push rey2rey/myimagehub`

```
PS E:\CC\project2> docker image push rey2rey/myimagehub
Using default tag: latest
The push refers to repository [docker.io/rey2rey/myimagehub]
8d92665afb92: Pushed
6515074984c6: Mounted from library/ubuntu
latest: digest: sha256:340afa83b57703a34a9406d6f84a12bdc8e74657c34ad80d5d9c00733661fe0d size: 740
PS E:\CC\project2>
```

4- لاگین کردن در داکر هاب

`docker login -u rey2rey`

```
PS E:\CC\project2> docker login -u rey2rey
Password:
Login Succeeded

Logging in with your password grants your terminal complete access to your account.
For better security, log in with a limited-privilege personal access token. Learn more at https://docs.docker.com/go/access-tokens/
PS E:\CC\project2>
```

5- گرفتن ایمج از داکر هاب

`docker pull rey2rey/myimagehub`

```
PS E:\CC\project2> docker pull rey2rey/myimagehub
Using default tag: latest
latest: Pulling from rey2rey/myimagehub
Digest: sha256:340afa83b57703a34a9406d6f84a12bdc8e74657c34ad80d5d9c00733661fe0d
Status: Image is up to date for rey2rey/myimagehub:latest
docker.io/rey2rey/myimagehub:latest
PS E:\CC\project2>
```

6- ریکوئست به گوگل با استفاده از دستور کرل و بالا آمدن صفحه اول آن

```
docker run -it -p 5000:5000 rey2rey/myimagehub
```

```
curl www.google.com
```

[illegible]