(1) 'docker image'를 통해 이미지 생성됐는지 캡처

```
🐳 DockerFile
  1   FROM ubuntu:20.04
  2   RUN apt-get update && apt-get install -y python3 vim
  3   RUN mkdir /ybigta_homework
  4   CMD ["/bin/bash"]
```

```
⬡ › ⬡ ~/Ybigat_session ⟩ docker build -t ubuntu/ybigta-homework .        127 ✘ ⟨ took 7m 14s ⬡ ⟨ at 21:02:29 ⬡
[+] Building 3.4s (7/7) FINISHED                                                              docker:desktop-linux
 => [internal] load build definition from Dockerfile                                                         0.0s
 => => transferring dockerfile: 152B                                                                         0.0s
 => [internal] load .dockerignore                                                                            0.0s
 => => transferring context: 2B                                                                              0.0s
 => [internal] load metadata for docker.io/library/ubuntu:20.04                                              3.1s
 => [1/3] FROM docker.io/library/ubuntu:20.04@sha256:f2034e7195f61334e6caff6ecf2e965f92d11e888309065da85ff   0.0s
 => CACHED [2/3] RUN apt-get update && apt-get install -y python3 vim                                        0.0s
 => [3/3] RUN mkdir /ybigta_homework                                                                         0.2s
 => exporting to image                                                                                       0.0s
 => => exporting layers                                                                                      0.0s
 => => writing image sha256:c0d579cf4b35f03233c21302f11b72aedb868cac0337fe3cf1af7f9c8113237d                 0.0s
 => => naming to docker.io/ubuntu/ybigta-homework                                                            0.0s

What's Next?
  View a summary of image vulnerabilities and recommendations → docker scout quickview
```

```
⬡ › ⬡ ~/Ybigat_session ⟩ docker run -it --name my-container-homework ubuntu/ybigta-homework
root@3f3815f34e9e:/# ls
bin  boot  dev  etc  home  lib  media  mnt  opt  proc  root  run  sbin  srv  sys  tmp  usr  var  ybigta_homework
root@3f3815f34e9e:/#
```

(2) 'ls'로 '/ybigta_homework'폴더 생성되었는지 캡처

```
⬡ › ⬡ ~/Ybigat_session ⟩ docker image ls                                          1 ✘ ⟨ at 21:04:33 ⬡
REPOSITORY               TAG        IMAGE ID       CREATED         SIZE
ubuntu/ybigta-homework   latest     c0d579cf4b35   2 minutes ago   179MB
<none>                   <none>     188db58dc3a0   6 days ago      179MB
ybigta                   winter-24  b5e0ed579bd0   6 days ago      179MB
mysql                    8.0        e1d66a2a0aa1   6 months ago    573MB
hello-world              latest     ee301c921b8a   8 months ago    9.14kB
```

(3) Python3 인터프리터로 test1.py 실행하여 결과 캡처

```
root@3f3815f34e9e:/# cd ybigta_homework/
root@3f3815f34e9e:/ybigta_homework# vim test1.py
root@3f3815f34e9e:/ybigta_homework# python3 test1.py
YBIGTA
24기
이 상 헌
```

(4) test1.py 파일을 명령어로 복사하여 test2.py 파일 생성하는 과정, 결과 캡처

```
root@3f3815f34e9e:/ybigta_homework# cp test1.py test2.py
root@3f3815f34e9e:/ybigta_homework# #
root@3f3815f34e9e:/ybigta_homework# ls
test1.py  test2.py
root@3f3815f34e9e:/ybigta_homework# python3 test2.py
YBIGTA
24기
이 상 헌
```

(5) echo를 이용하여 test3.txt 파일 생성 & 내용 채워넣기 (내용은 자유롭게!) 과
정, 결과 캡처

```
root@3f3815f34e9e:/ybigta_homework# echo "Hello, world" > test3.txt
root@3f3815f34e9e:/ybigta_homework# ls
test1.py  test2.py  test3.txt
```

```
Hello, world
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
"test3.txt" 1L, 13C
```

(6) 'ls'로 'test1.py', 'test2.py', 'text3.txt' 파일들 생성되었는지 캡처

```
root@3f3815f34e9e:/ybigta_homework# ls
test1.py  test2.py  test3.txt
```