

Using docker lection2 create a docker image with Python Flask app that displays random cat pix.

Prepare all the necessary files and fill them out as in the lecture, but in app.py change photos

```
student@chshai:~/flsk-app$ ls -la
total 24
drwxrwxr-x 3 student student 4096 Aug 24 18:27 .
drwxr-xr-x 10 student student 4096 Aug 25 08:01 ..
-rw-rw-r-- 1 student student 1342 Aug 24 18:13 app.py
-rw-rw-r-- 1 student student 521 Aug 24 18:21 Dockerfile
-rw-rw-r-- 1 student student 14 Aug 24 18:22 requirements.txt
drwxrwxr-x 2 student student 4096 Aug 24 18:27 templates
```

```
images = [
    "https://img.freepik.com/free-photo/red-white-cat-i-white-studio_155003>
    "https://cdn.theatlantic.com/thumbor/t05tLGL38cH3MjWz3PypY1dPHX4=/0x62:>
    ">
    "https://image.petmd.com/files/styles/978x550/public/orange-tabby-kitte>
    "https://th-thumbnailler.cdn-si-edu.com/bZAar59Bdm95b057iESytYmmAjI=/140>
    "https://i.pinimg.com/236x/00/d4/00/d400efd505fa99e81a25fc24d5f8b9.jp>
```

Build docker image

```
student@chshai:~/flsk-app$ docker build -t student/mycat .
[+] Building 1.1s (12/12) FINISHED                                docker:default
=> [internal] load build definition from Dockerfile                0.0s
=> => transferring dockerfile: 560B                                0.0s
=> [internal] load .dockerignore                                  0.0s
=> => transferring context: 2B                                       0.0s
=> [internal] load metadata for docker.io/library/alpine:3.5      1.0s
=> [1/7] FROM docker.io/library/alpine:3.5@sha256:66952b313e51c3bd1987d7 0.0s
=> [internal] load build context                                  0.0s
=> => transferring context: 132B                                      0.0s
=> CACHED [2/7] RUN apk add --update py2-pip                      0.0s
=> CACHED [3/7] RUN pip install --upgrade pip                     0.0s
=> CACHED [4/7] COPY requirements.txt /usr/src/app/               0.0s
=> CACHED [5/7] RUN pip install --no-cache-dir -r /usr/src/app/requireme 0.0s
=> CACHED [6/7] COPY app.py /usr/src/app/                         0.0s
=> CACHED [7/7] COPY templates/index.html /usr/src/app/templates/ 0.0s
=> exporting to image                                             0.0s
=> => exporting layers                                              0.0s
=> => writing image sha256:0c6d7be1aa606d696deefd1fde6dfb61e038edd9298ad 0.0s
=> => naming to docker.io/student/mycat                            0.0s
```

Run the image

```
student@chshai:~/flsk-app$ docker run -p 8888:5000 --name mycat student/mycat
* Running on http://0.0.0.0:5000/ (Press CTRL+C to quit)
192.168.1.105 - - [25/Aug/2023 15:06:35] "GET / HTTP/1.1" 200 -
192.168.1.105 - - [25/Aug/2023 15:06:41] "GET / HTTP/1.1" 200 -
192.168.1.105 - - [25/Aug/2023 15:06:43] "GET / HTTP/1.1" 200 -
```

Lets see the result

