

Cody Benkoski

Assignment 2

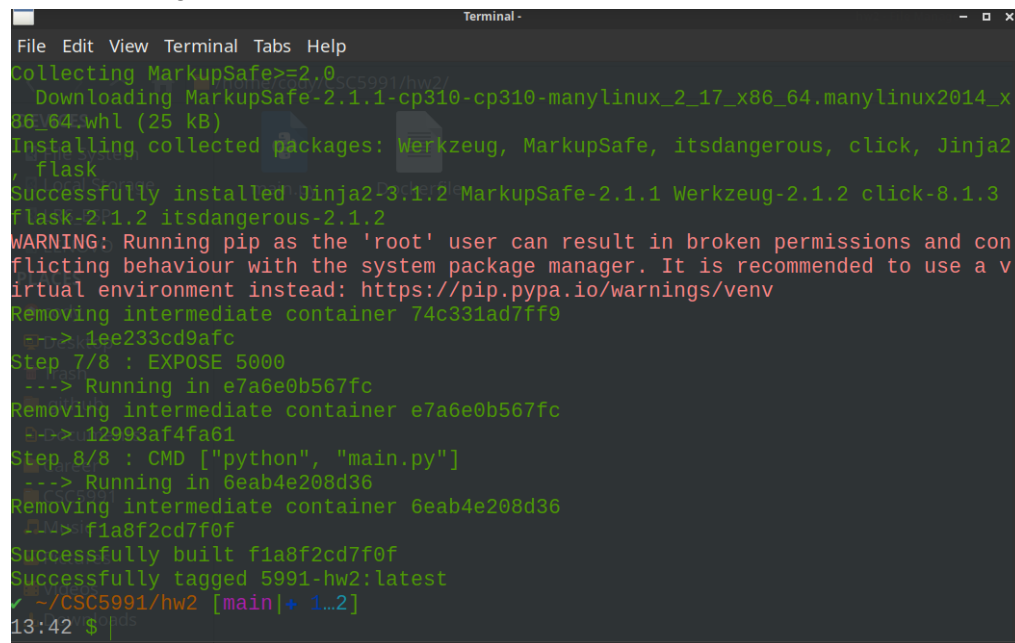
hk2327@wayne.edu

Links:

- GitHub
 - <https://github.com/codyben/CSC-5991-Assn-2>
- DockerHub
 - <https://hub.docker.com/repository/docker/codybenkoski/csc-5991-assn-2>

Screenshots:

→ Built the Docker image.



```
File Edit View Terminal Tabs Help
Collecting MarkupSafe>=2.0
  Downloading MarkupSafe-2.1.1-cp310-cp310-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (25 kB)
Installing collected packages: Werkzeug, MarkupSafe, itsdangerous, click, Jinja2, flask
Successfully installed Jinja2-3.1.2 MarkupSafe-2.1.1 Werkzeug-2.1.2 click-8.1.3 flask-2.1.2 itsdangerous-2.1.2
WARNING: Running pip as the 'root' user can result in broken permissions and conflicting behaviour with the system package manager. It is recommended to use a virtual environment instead: https://pip.pypa.io/warnings/venv
Removing intermediate container 74c331ad7ff9
--> 1ee233cd9afc
Step 7/8 : EXPOSE 5000
--> Running in e7a6e0b567fc
Removing intermediate container e7a6e0b567fc
--> 12993af4fa61
Step 8/8 : CMD ["python", "main.py"]
--> Running in 6eab4e208d36
Removing intermediate container 6eab4e208d36
--> f1a8f2cd7f0f
Successfully built f1a8f2cd7f0f
Successfully tagged 5991-hw2:latest
~/CSC5991/hw2 [main|+ 1...2]
13:42 $
```

→ Tagged & pushed image to DockerHub



```
13:56 $ docker tag 5991-hw2 codybenkoski/csc-5991-assn-2:v1
~/CSC5991/hw2 [main|✓]
13:56 $ docker push codybenkoski/csc-5991-assn-2:v1
The push refers to repository [docker.io/codybenkoski/csc-5991-assn-2]
631cb69dd5cc: Pushed
6478c014bb2b: Pushed
a8b6b3286b81: Pushed
ffaefa2e7e95: Pushed
9bde4fc4951a: Pushed
223df132d002: Pushed
d35a703f2b0a: Pushed
db7f8cc44a42: Pushed
b889a93a79dd: Pushed
9d4550089a93: Pushed
a7934564e0b9: Pushed
1b7cceb6a07c: Pushed
b274e8788e0c: Pushed
78650808978a: Pushed
v1: digest: sha256:d428a9dedaa6ff304f7585469786165ec3b3500e7fc1e57069932ae3a80e4aff size: 3262
~/CSC5991/hw2 [main|✓]
13:57 $
```

→ Subsequently pulled & ran image from DockerHub

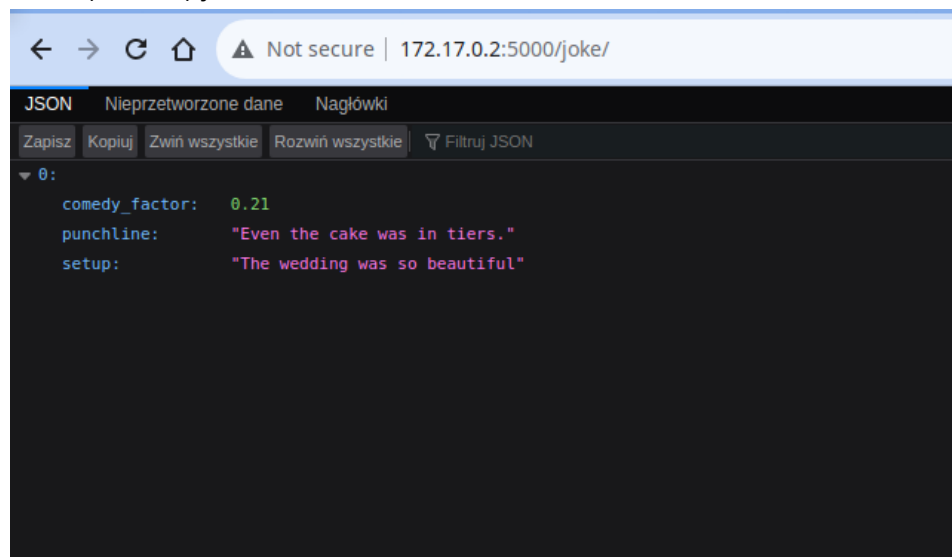
```
Terminal
File Edit View Terminal Tabs Help

13:59 $ docker pull codybenkoski/csc-5991-assn-2:v1
v1: Pulling from codybenkoski/csc-5991-assn-2
Digest: sha256:d428a9dedaa6ff304f7585469786165ec3b3500e7fc1e57069932ae3a80e4aff
Status: Image is up to date for codybenkoski/csc-5991-assn-2:v1
docker.io/codybenkoski/csc-5991-assn-2:v1

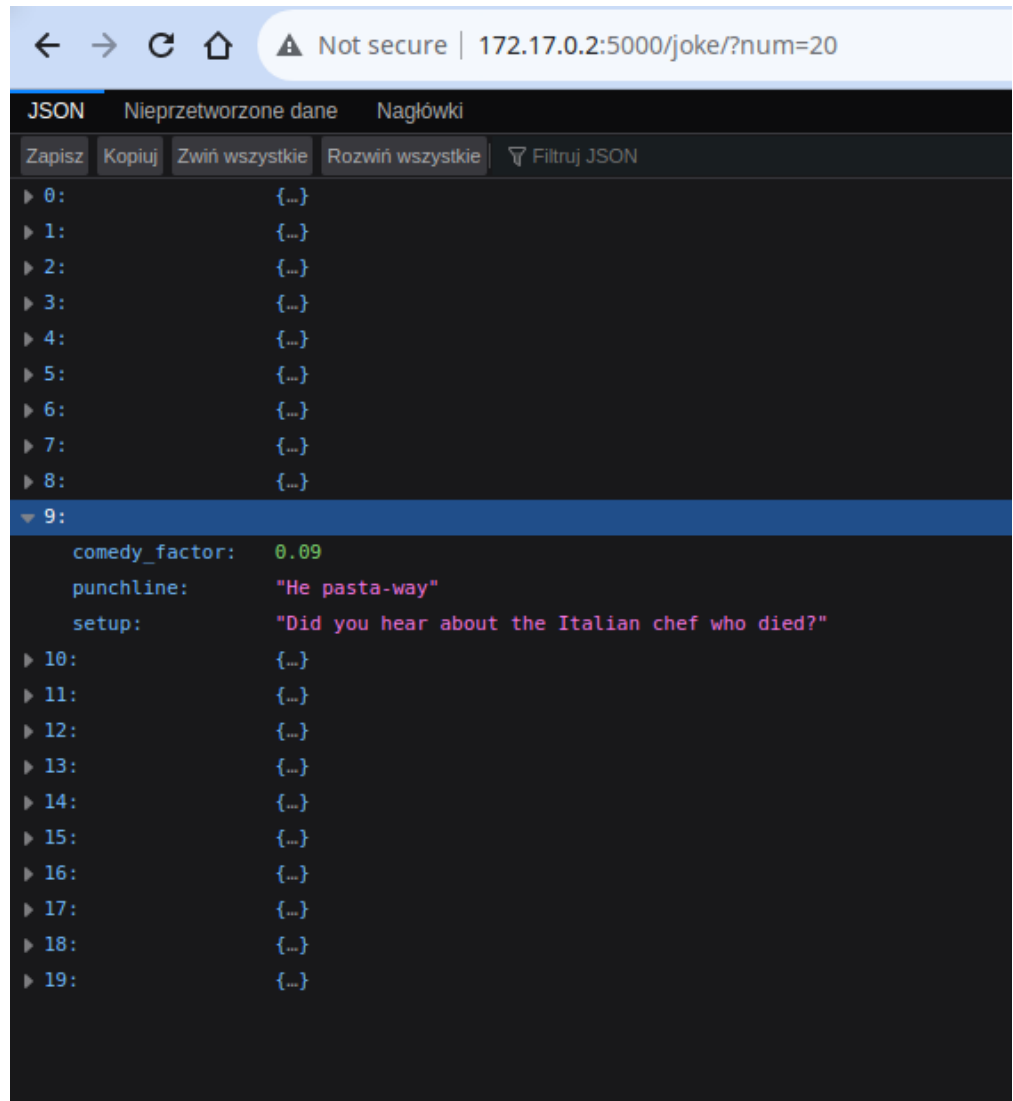
13:59 $ docker run codybenkoski/csc-5991-assn-2:v1
* Serving Flask app 'main' (lazy loading)
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
* Debug mode: off
* Running on all addresses (0.0.0.0)
  WARNING: This is a development server. Do not use it in a production deployment.
* Running on http://127.0.0.1:5000
* Running on http://172.17.0.2:5000 (Press CTRL+C to quit)
172.17.0.1 - - [29/May/2022 17:59:42] "GET /joke/ HTTP/1.1" 200 -
```

→ Screenshots of application running

◆ Request one (num=1) jokes



◆ Request twenty (num=20) jokes



Notes:

- Format of response change from previous assignment to comply with the new description requesting a JSON array.
- Format of individual jokes is kept the same, since that didn't have a specific requirement.