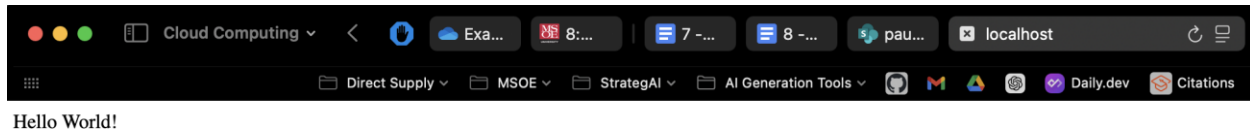
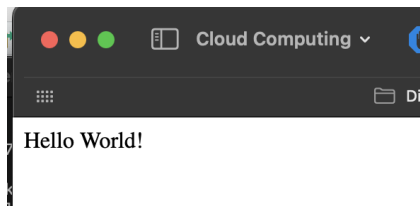


Lab Manual

App Running Locally



Running From the Repository



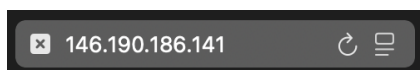
```
01183e0d6e03: Pushed
054df1200f3e: Pushed
0.0.1: digest: sha256:4718971a2d72fff4d49d00388b65a60d85e71fa8cc661600f5bb71fdaa
381d46 size: 1997
ben_paulson@Bens-MacBook-Pro lab8 % docker run -p 5000:5000 registry.digitalocea
n.com/cloud-computing/flask-tutorial:0.0.1

docker: Error response from daemon: Ports are not available: exposing port TCP 0
.0.0.0:5000 -> 0.0.0.0:0: listen tcp 0.0.0.0:5000: bind: address already in use.
ben_paulson@Bens-MacBook-Pro lab8 % docker run -p 5001:5000 registry.digitalocea
n.com/cloud-computing/flask-tutorial:0.0.1

* Serving Flask app 'app.py' (lazy loading)
* Environment: production
WARNING: This is a development server. Do not use it in a production deployme
nt.
Use a production WSGI server instead.
* Debug mode: off
* Running on all addresses.
WARNING: This is a development server. Do not use it in a production deployme
nt.
* Running on http://172.17.0.2:5000/ (Press CTRL+C to quit)
192.168.65.1 - - [22/Oct/2024 02:13:59] "GET / HTTP/1.1" 200 -
```

Submit Functions from Microservices

I'm unsure what this is exactly referring to given the vague language of the lab manual and the previous documentation. I am able to see the app, though I don't necessarily get what these separate functions are.



Lab Feedback

This was sadly one of my least favorite labs in the class. I believe it was a good exercise in bringing together the previous concepts from different labs (which I enjoyed!), though I believe a lot of the instructions were incredibly vague and unclear what the actual objective or “why” the learning was important or what exactly was expected of us – see my third set of screenshots for more info.

Especially in sections regarding the naming of different services across both Digital Ocean as well as what had to be correct in the terminal, I believe there could have been stronger documentation outlining what needed to be the same as well as walking through the individual menus for the Kubernetes portion which is still relatively fresh.

I am happy to provide additional screenshots if I did not provide the correct screenshots required of me for the lab in the third set of screenshots – just please let me know!

Other than that, I thought the lab was a decent culmination of everything we have been learning and I am interested to see what else there is to learn!

GitHub: <https://github.com/Benja-Pauls/cc-lab-8>