

1. Running Flask Service

```
anajera05@puter:/mnt/c/Users/alyss/411-resources/HW/HW2 Docker/flask$ docker run -p 5002:5002 app.py:latest
* Serving Flask app 'app'
* Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on all addresses (0.0.0.0)
* Running on http://127.0.0.1:5002
* Running on http://172.17.0.2:5002
Press CTRL+C to quit

anajera05@puter:/mnt/c/Users/alyss/411-resources/HW/HW2 Docker/flask$ curl http://127.0.0.1:5002
{"response": "Hello, World!", "status": 200}
anajera05@puter:/mnt/c/Users/alyss/411-resources/HW/HW2 Docker/flask$
```

2. Route W/ Get Parameter

```
anajera05@puter:/mnt/c/Users/alyss/411-resources/HW/HW2 Docker/flask$ curl http://localhost:5002/repeat?input=foo
{"body": "foo", "status": 200}
anajera05@puter:/mnt/c/Users/alyss/411-resources/HW/HW2 Docker/flask$
```

3. Expose On Endpoints

```
anajera05@puter:/mnt/c/Users/alyss/411-resources/HW/HW2 Docker/flask$ curl http://127.0.0.1:5002/health
{"response": "OK", "status": 200}
anajera05@puter:/mnt/c/Users/alyss/411-resources/HW/HW2 Docker/flask$ curl http://127.0.0.1:5002/healthcheck
{"response": "OK", "status": 200}
anajera05@puter:/mnt/c/Users/alyss/411-resources/HW/HW2 Docker/flask$
```

4. Healthcheck Functionality

```
anajera05@puter:/mnt/c/Users/alyss/411-resources/HW/HW2 Docker/flask$ docker ps --format "table {{.ID}}\t{{.Names}}\t{{.Status}}"
CONTAINER ID   NAMES      STATUS
7b5a4196e548   bold_gauss Up 49 seconds (health: starting)
anajera05@puter:/mnt/c/Users/alyss/411-resources/HW/HW2 Docker/flask$ docker ps --format "table {{.ID}}\t{{.Names}}\t{{.Status}}"
CONTAINER ID   NAMES      STATUS
7b5a4196e548   bold_gauss Up 3 minutes (unhealthy)
anajera05@puter:/mnt/c/Users/alyss/411-resources/HW/HW2 Docker/flask$ |
```