**Screenshots**

**Testing locally Service1 & Service 2**

**From browser**

<http://localhost:5000/zip/Chicago> or <http://127.0.0.1:5000/zip/Chicago>

<http://localhost:5001/weather/94560> or <http://localhost:5001/weather/94560>

**From curl**

curl <http://127.0.0.1:5001/weather/94560> or http://localhost:5001/weather/94560

curl <http://127.0.0.1:5000/zip/Chicago> or <http://127.0.0.1:5000/zip/Chicago>

Graphical user interface, text, application

Description automatically generated

Service2

Graphical user interface, text, application

Description automatically generated

From curl

A screenshot of a computer

Description automatically generated with medium confidence

**Creating containers and testing the services**

1.Created mynet network for 2 service to communicate over network

A screenshot of a computer

Description automatically generated with medium confidence

2.Building the image and running the Weatherservice

docker build -t weatherservice:latest .

docker run --network mynet -p 5001:5001 --name weatherservice weatherservice

A screenshot of a computer

Description automatically generated with medium confidence

3.Building the image and running the Zipcodeservice

docker build -t zip:latest .

docker run --network mynet -p 5000:5000 --name zip zip

A screenshot of a computer

Description automatically generated with medium confidence

4. Both containers running

A screenshot of a computer screen

Description automatically generated

Testing in browser

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

To test in curl

A screenshot of a computer

Description automatically generated with medium confidence