**Service 1 : Fetch Zipcode based on city name**

code

A screenshot of a computer

Description automatically generated

From browser localhost: http://localhost:5000/zipcode?city=Chicago

Graphical user interface, text, application, table, Excel

Description automatically generated

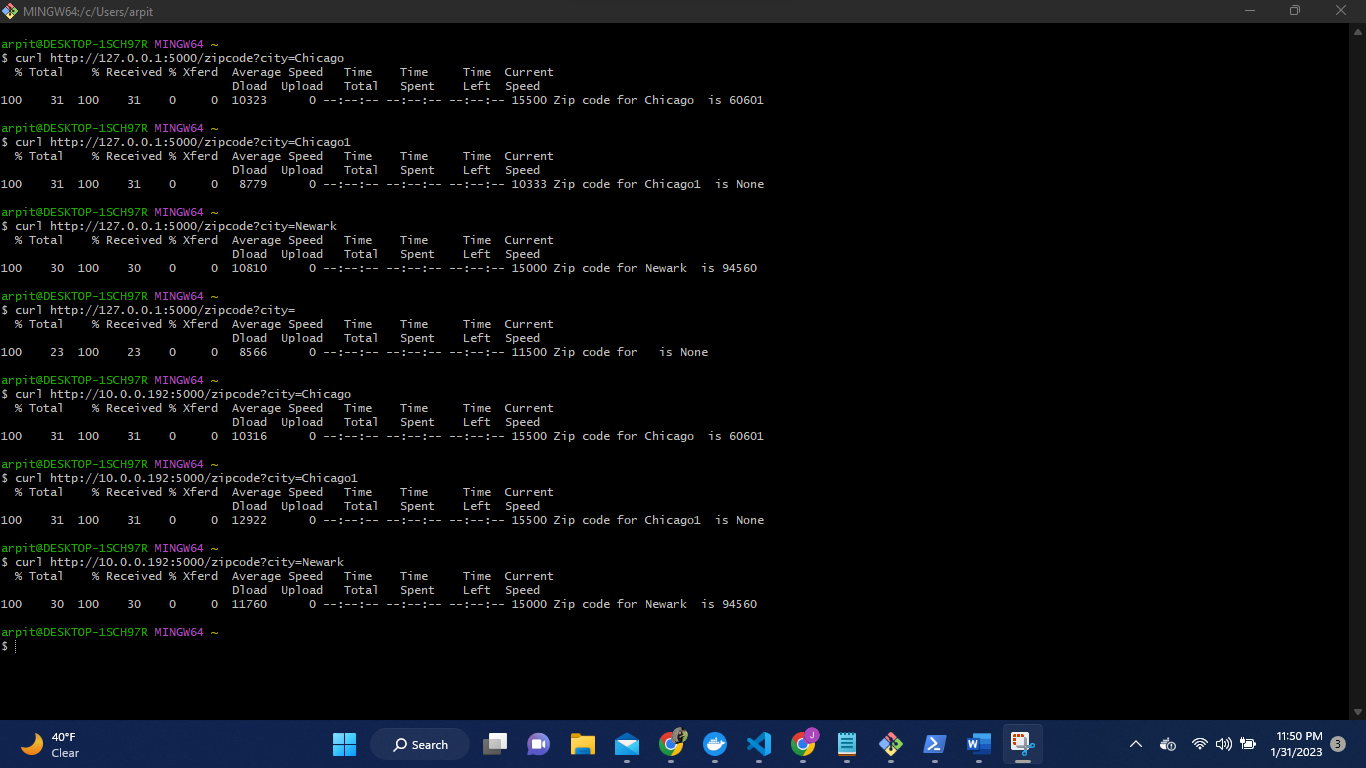
from browser localhost : <http://localhost:5000/zipcode?city=New> York

Graphical user interface, text, application, table, Excel

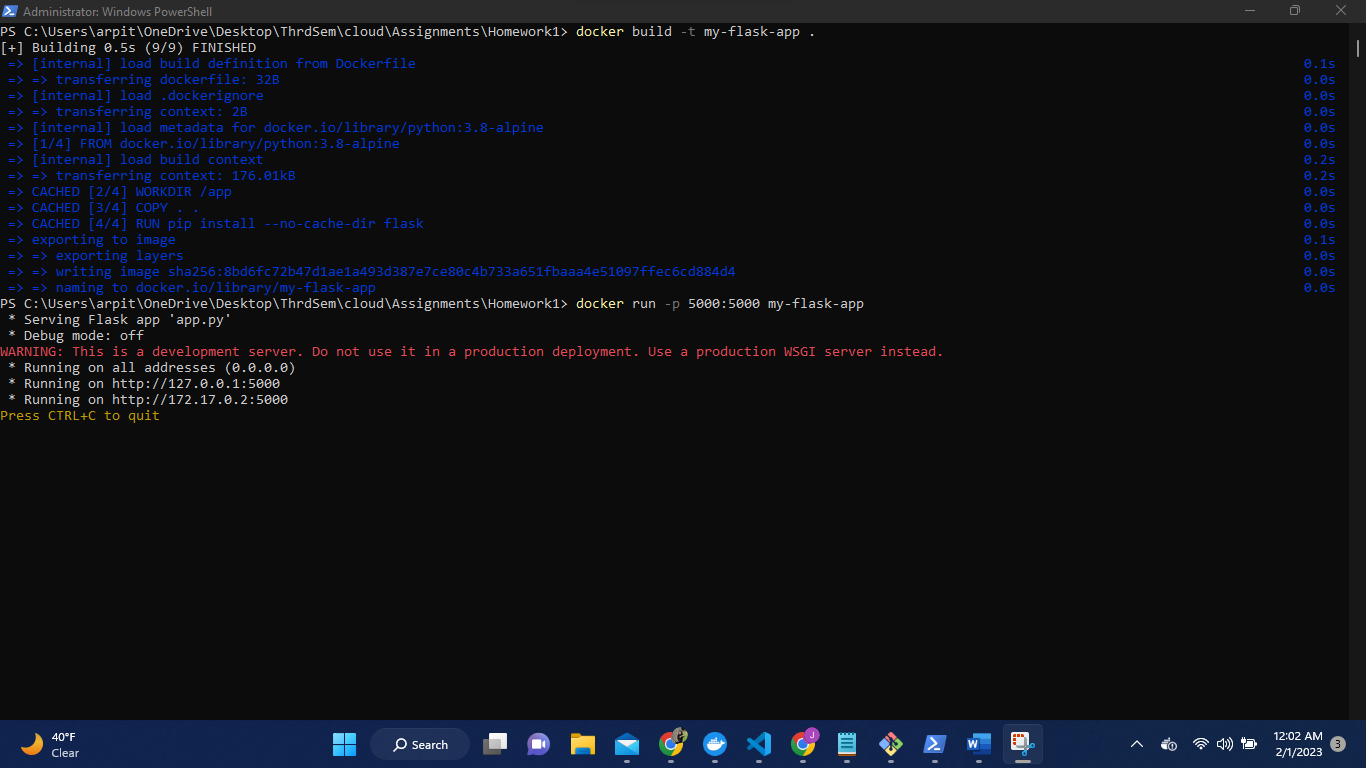
Description automatically generated

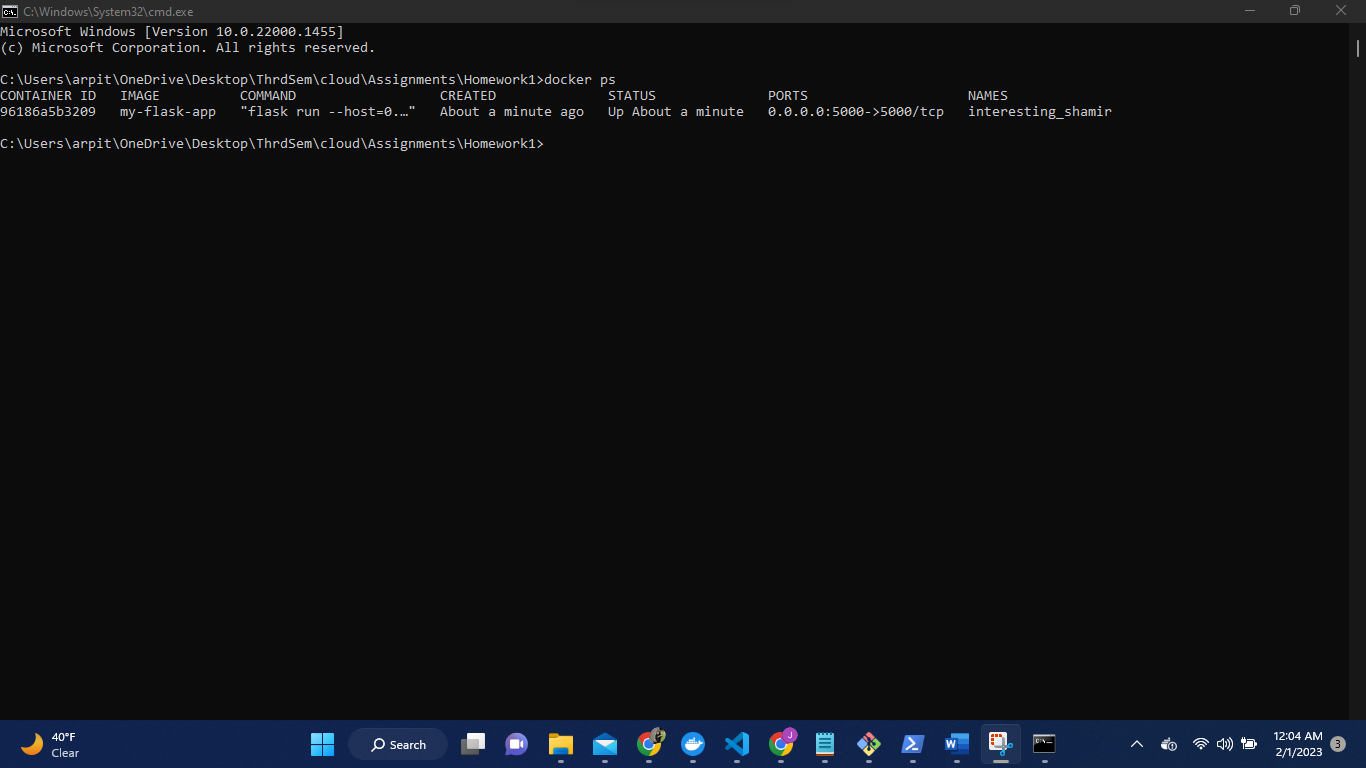
From curl command line :

1. curl <http://127.0.0.1:5000> & 2. curl <http://10.0.0.192:5000>



**Running the code inside a Docker container**





From browser: <http://localhost:5000/zipcode?city=Los> Angeles

Graphical user interface, text, application, table, Excel

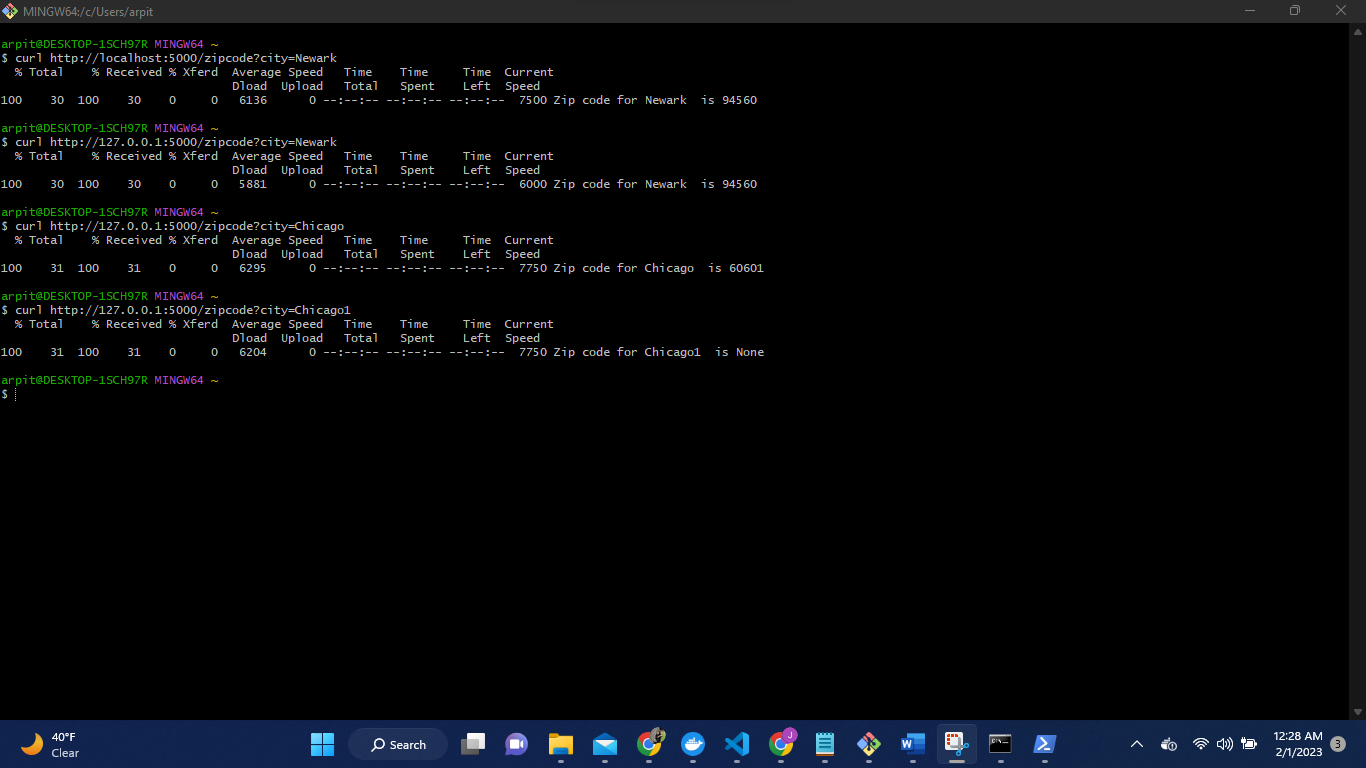
Description automatically generated

<http://localhost:5000/zipcode?city=Newark>

Graphical user interface, text, application, table, Excel

Description automatically generated

1. From curl <http://127.0.0.1:5000>



To cross check.

A screenshot of a computer

Description automatically generated with medium confidence

**Service 2 : Fetch weather information based on zip code**

code

A screenshot of a computer

Description automatically generated with medium confidence

From browser http://localhost:5000/weather?zip=94560

Graphical user interface, application, table, Excel

Description automatically generated

http://127.0.0.1:5001/weather?zip=1001

Graphical user interface, application, table, Excel

Description automatically generated

From curl

1. curl <http://127.0.0.1:5000/weather?zip=10001> 2. curl http://localhost:5001/weather?zip=94560

A screenshot of a computer screen

Description automatically generated with medium confidence

**Running the code inside a Docker containerA screenshot of a computer

Description automatically generated with medium confidence**

A screenshot of a computer screen

Description automatically generated

From browser http://localhost:5001/weather?zip=10001

Graphical user interface, application, table, Excel

Description automatically generated

http://localhost:5001/weather?zip=94560

Graphical user interface, application, table, Excel

Description automatically generated

From curl

1. curl <http://127.0.0.1:5000/weather?zip=10001>
2. curl http://localhost:5001/weather?zip=94560

A screenshot of a computer screen

Description automatically generated with medium confidence

Both the service are up and running together

A screenshot of a computer screen

Description automatically generated with medium confidence

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated with medium confidence