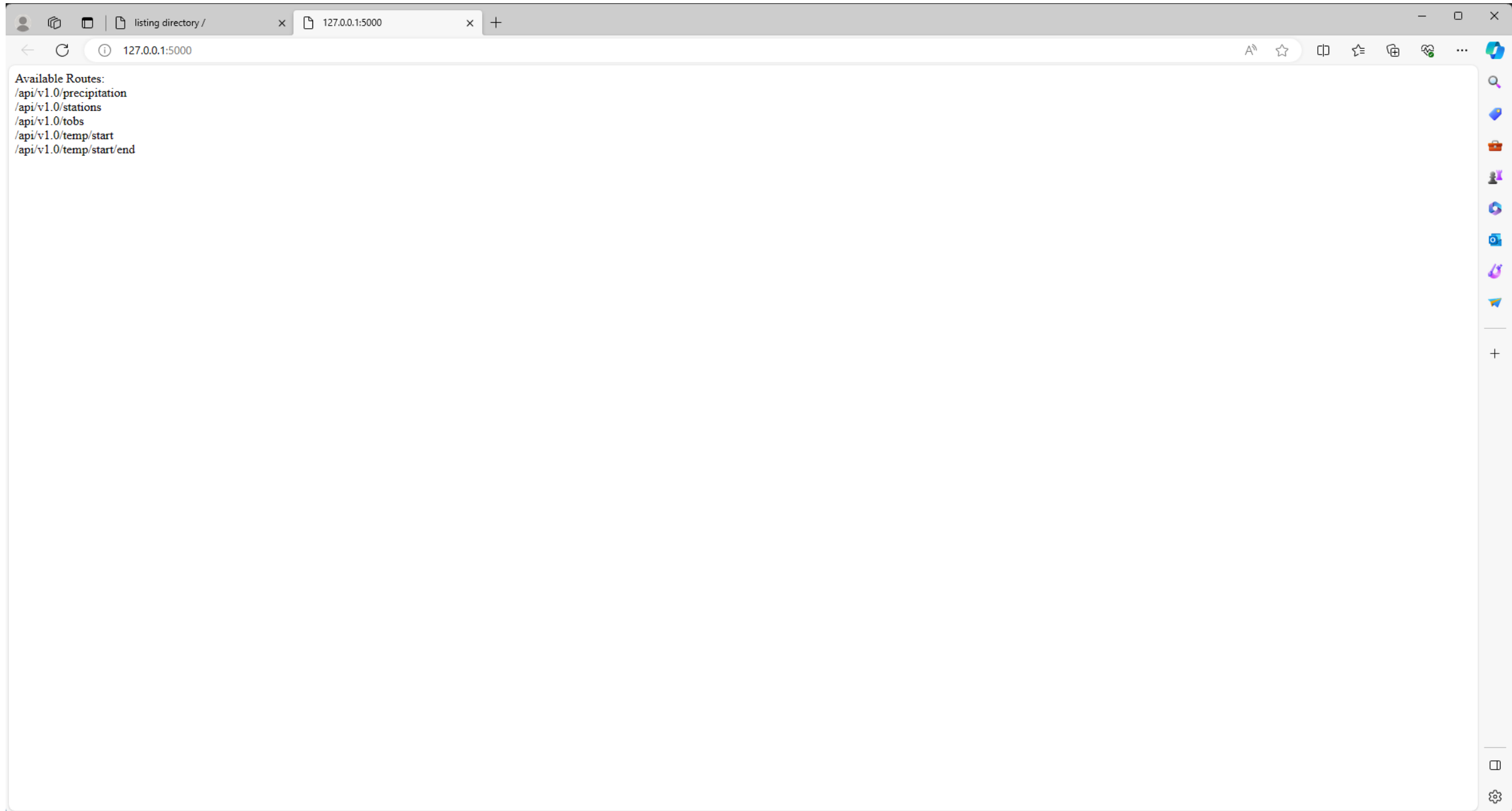


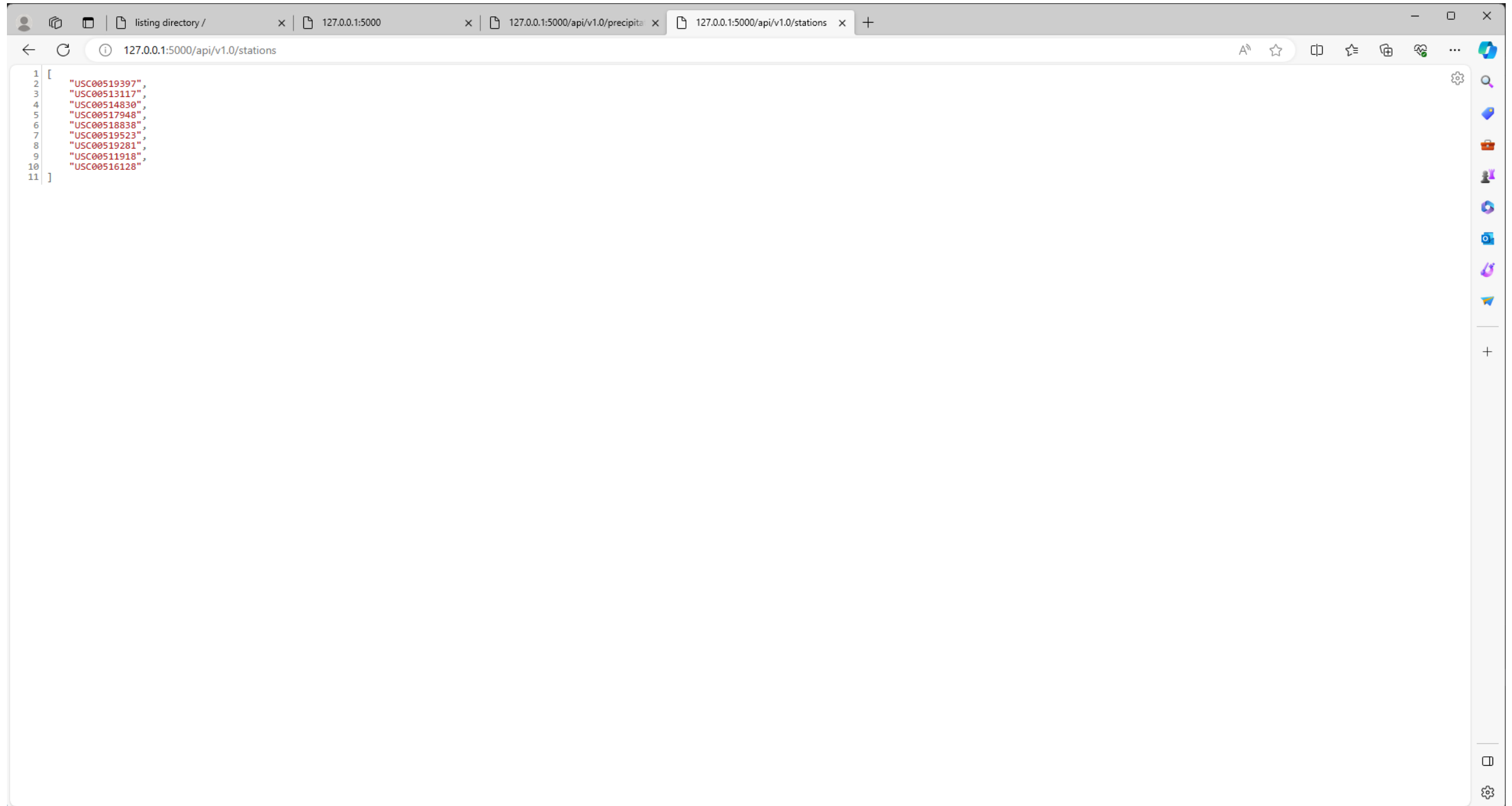
M10 SQL Alchemy Output – Initial Screen – Available Routes



M10 SQL Alchemy Output – Precipitation

```
1 [
2   {
3     "2010-01-01": 0.08
4   },
5   {
6     "2010-01-02": 0
7   },
8   {
9     "2010-01-03": 0
10  },
11  {
12    "2010-01-04": 0
13  },
14  {
15    "2010-01-06": null
16  },
17  {
18    "2010-01-07": 0.06
19  },
20  {
21    "2010-01-08": 0
22  },
23  {
24    "2010-01-09": 0
25  },
26  {
27    "2010-01-10": 0
28  },
29  {
30    "2010-01-11": 0.01
31  },
32  {
33    "2010-01-12": 0
34  },
35  {
36    "2010-01-14": 0
37  },
38  {
39    "2010-01-15": 0
40  },
41  {
42    "2010-01-16": 0
43  },
44  {
45    "2010-01-17": 0
46  },
47  {
48    "2010-01-18": 0
49  },
50  {
51    "2010-01-19": 0
52  },
53  {
54    "2010-01-20": 0
55  },
56  {
57    "2010-01-21": 0
58  },
59  {
60    "2010-01-22": 0
61  },
62  {
63    "2010-01-23": 0
64  },
65  {
66    "2010-01-24": 0.01
67  },
68  {
69    "2010-01-25": 0
70  },
71  {
72    "2010-01-26": 0.01
73  }
74 ]
```

M10 SQL Alchemy Output – Stations



The screenshot shows a web browser window with the address bar displaying `127.0.0.1:5000/api/v1.0/stations`. The browser has several tabs open, including `listing directory /`, `127.0.0.1:5000`, `127.0.0.1:5000/api/v1.0/precipita`, and the active tab `127.0.0.1:5000/api/v1.0/stations`. The main content area displays a JSON array of station IDs, with line numbers 1 through 11 on the left side of the code editor.

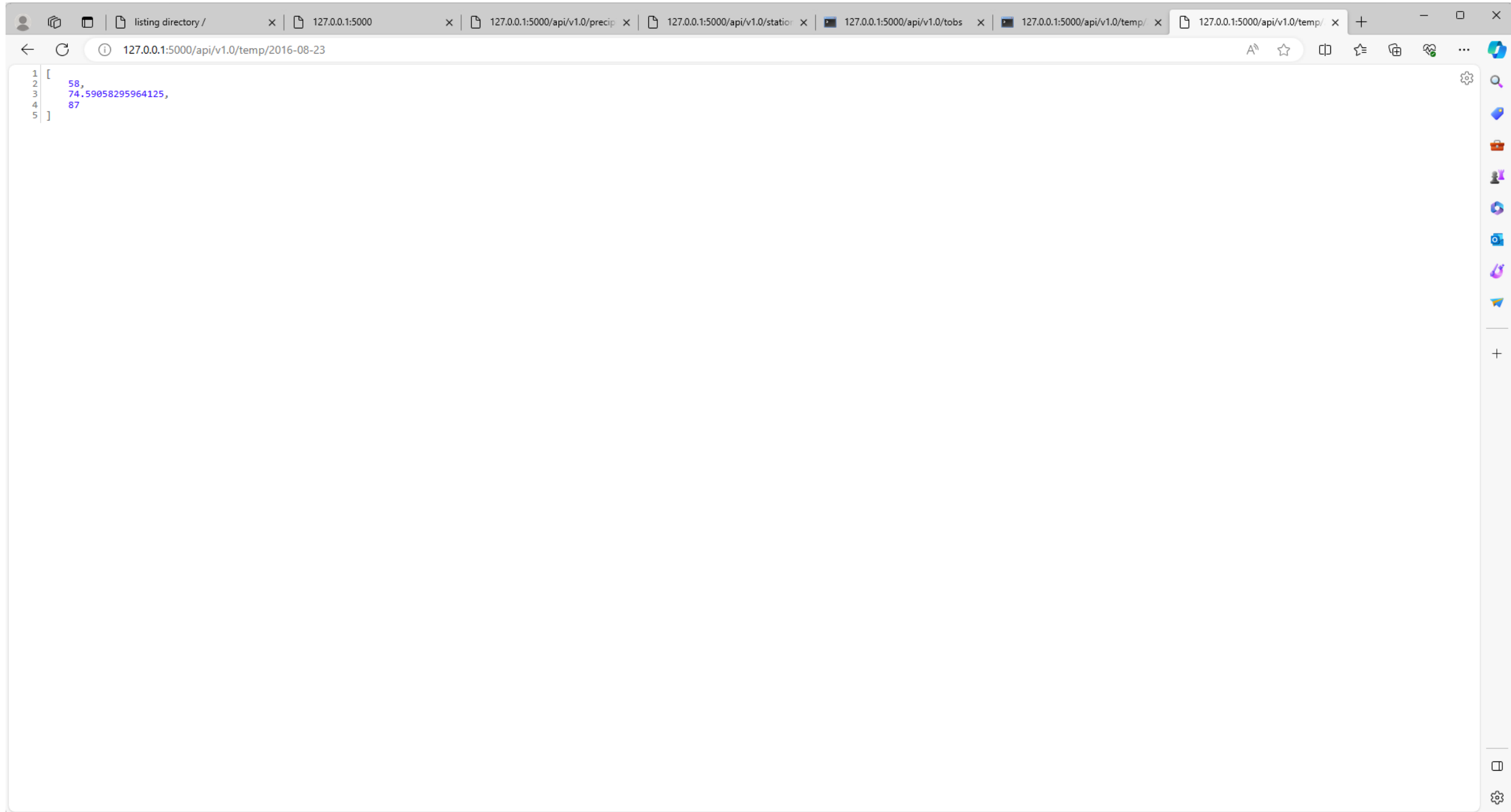
```
1 [
2   "USC00519397",
3   "USC00513117",
4   "USC00514830",
5   "USC00517948",
6   "USC00518838",
7   "USC00519523",
8   "USC00519281",
9   "USC00511916",
10  "USC00516128",
11 ]
```

M10 SQL Alchemy Output – Temperature Observations

listing directory /	
127.0.0.1:5000	
127.0.0.1:5000/api/v1.0/precipita	
127.0.0.1:5000/api/v1.0/stations	
127.0.0.1:5000/api/v1.0/tobs	

1	[
2	77,
3	77,
4	80,
5	80,
6	75,
7	73,
8	78,
9	77,
10	78,
11	80,
12	80,
13	78,
14	78,
15	78,
16	73,
17	74,
18	80,
19	79,
20	77,
21	80,
22	76,
23	79,
24	75,
25	79,
26	78,
27	79,
28	78,
29	78,
30	76,
31	74,
32	77,
33	78,
34	79,
35	79,
36	77,
37	80,
38	78,
39	78,
40	78,
41	77,
42	79,
43	79,
44	79,
45	79,
46	75,
47	76,
48	73,
49	72,
50	71,
51	77,
52	79,
53	78,
54	79,
55	77,
56	79,
57	77,
58	78,
59	78,
60	78,
61	78,
62	77,
63	74,
64	75,
65	76,
66	73,
67	76,
68	74,
69	77,
70	76,
71	76,
72	74,

M10 SQL Alchemy Output – Temperature Start – Minimum, Average, Maximum



The screenshot shows a web browser window with multiple tabs. The active tab is titled "127.0.0.1:5000/api/v1.0/temp/2016-08-23". The browser's address bar shows the URL "127.0.0.1:5000/api/v1.0/temp/2016-08-23". The main content area displays a JSON response from a REST client, with line numbers 1 through 5 on the left. The JSON data is as follows:

```
1 [
2   58,
3   74.59058295964125,
4   87
5 ]
```

The browser's interface includes a top bar with navigation icons (back, forward, home, search), a tab bar with several open tabs, and a right sidebar with various utility icons (search, settings, etc.).

M10 SQL Alchemy Output – Temperature End – Minimum, Average, Maximum

listing directory /

127.0.0.1:5000

127.0.0.1:5000/api/v1.0/precipita

127.0.0.1:5000/api/v1.0/stations

127.0.0.1:5000/api/v1.0/tobs

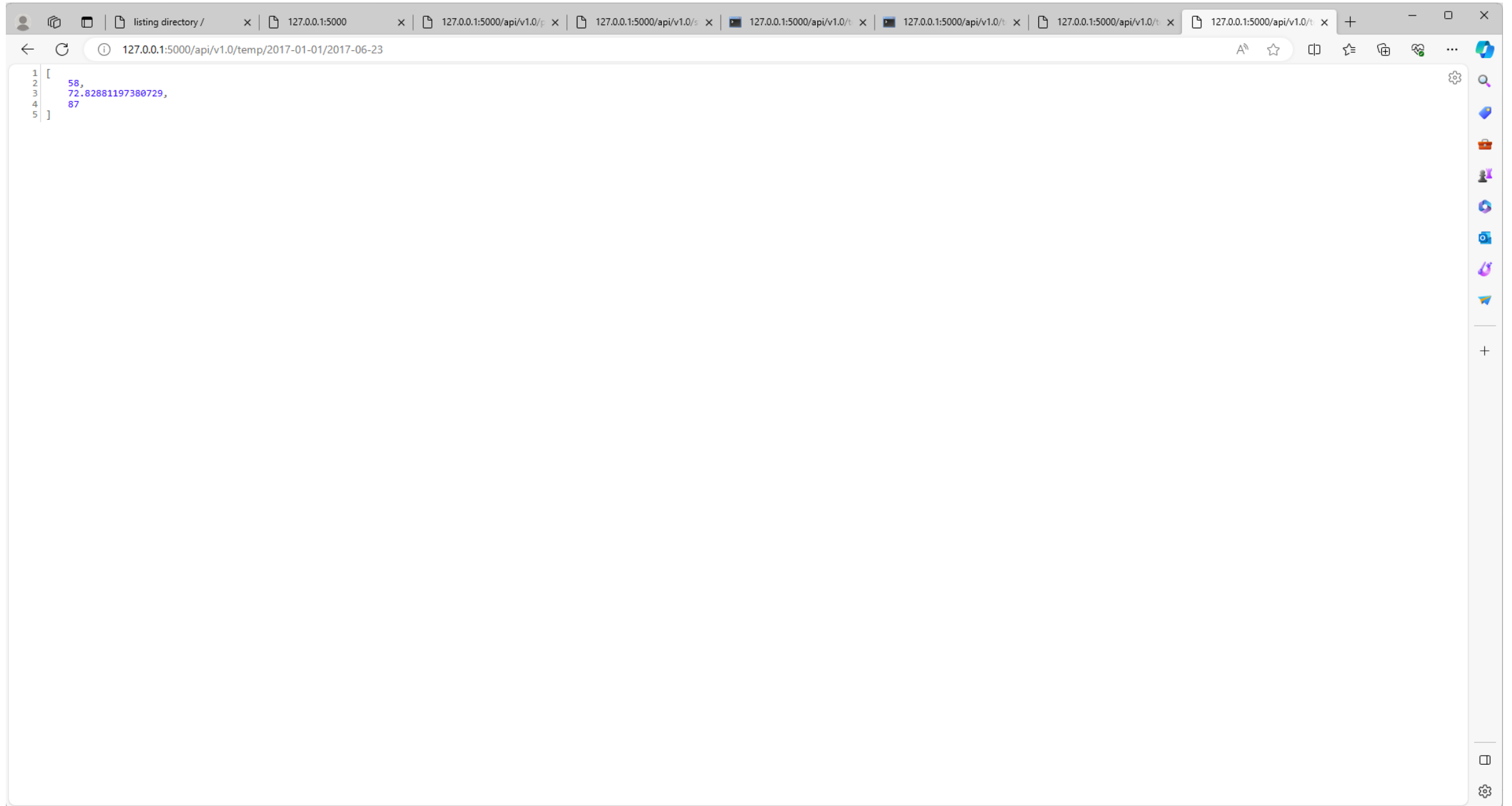
127.0.0.1:5000/api/v1.0/temp/20

127.0.0.1:5000/api/v1.0/temp/2017-08-23

1
2
3
4
5

76,
80.25,
82

M10 SQL Alchemy Output – Temperature Start and End Date – Minimum, Average, Maximum



The screenshot shows a web browser window with multiple tabs. The active tab displays a JSON array of temperature data for the period 2017-01-01 to 2017-06-23. The data is presented as a list of three objects, each containing a minimum temperature, an average temperature, and a maximum temperature.

```
1 [
2   58,
3   72.82881197380729,
4   87
5 ]
```