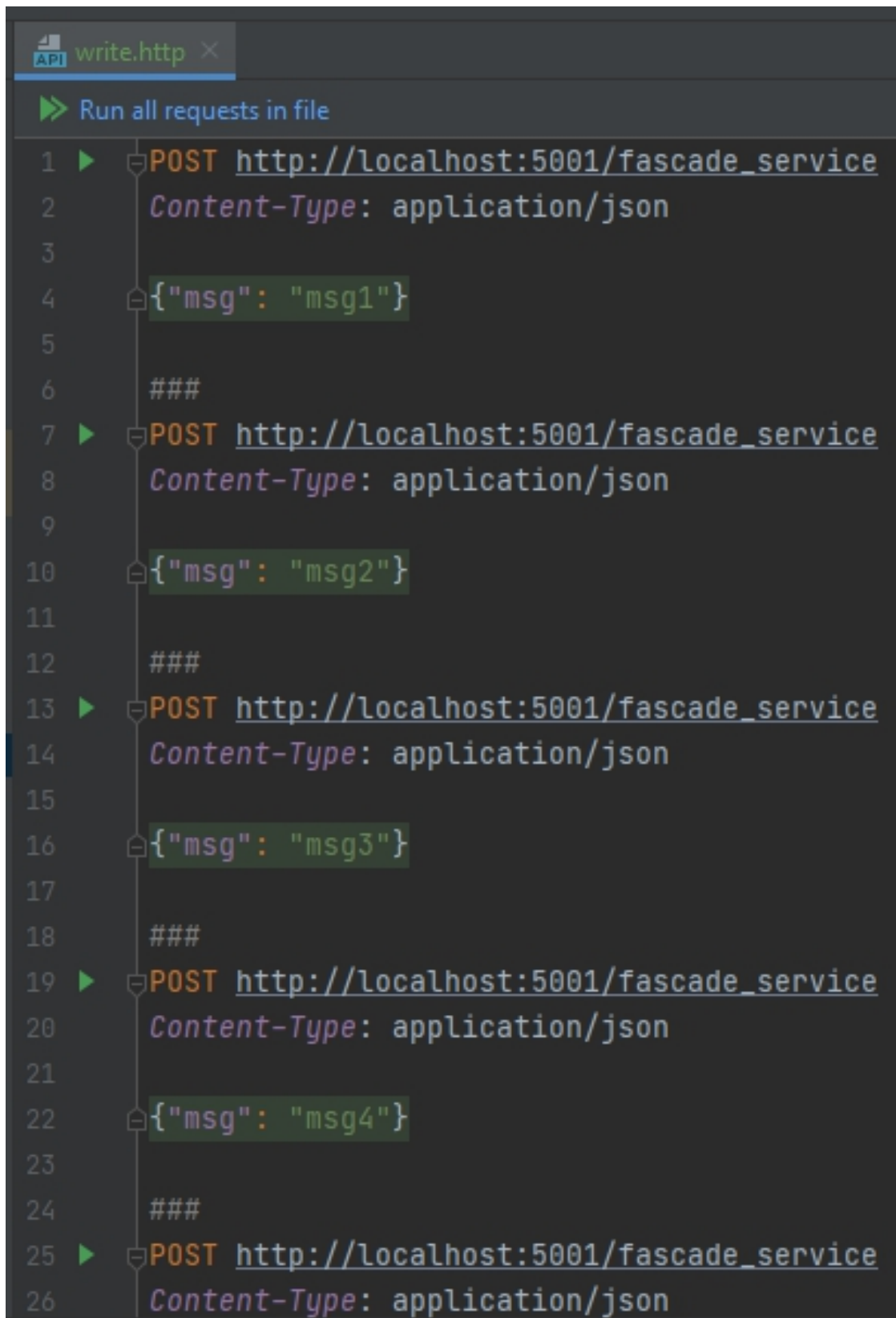


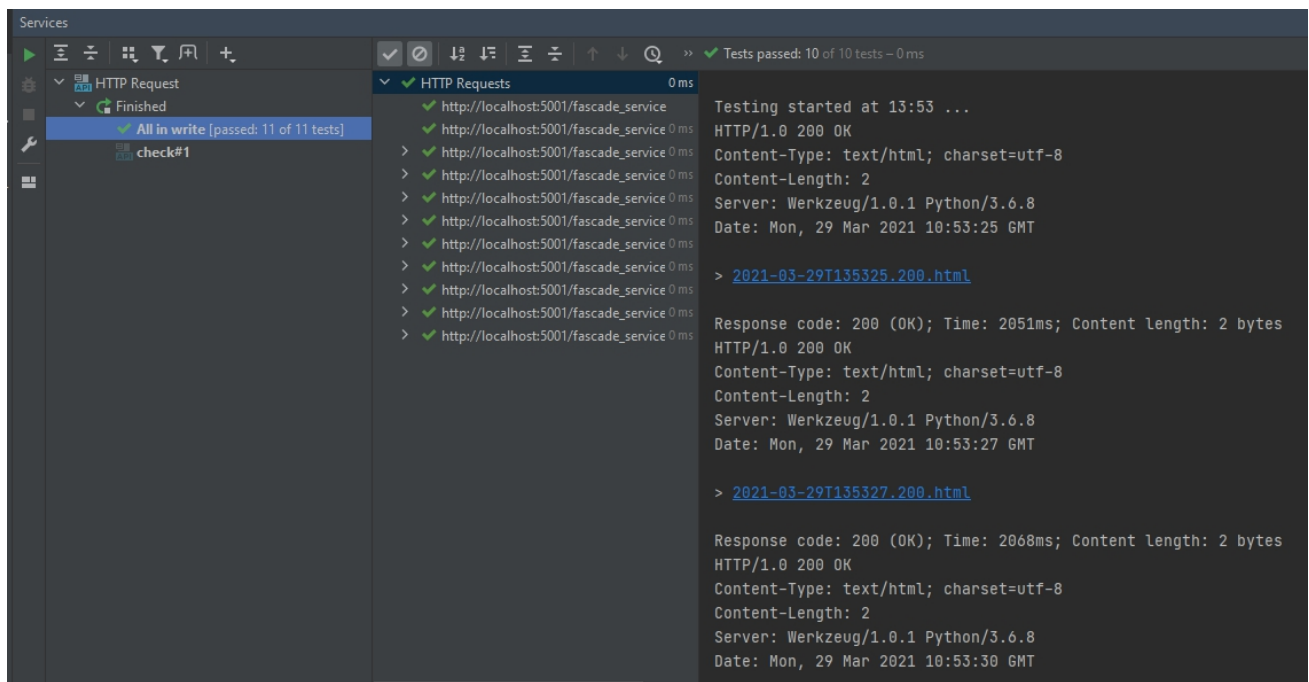
Вовчановський Павло, ФБ-01мн

https://github.com/vovchanovsky/dsd-l2/tree/micro_hazelcast

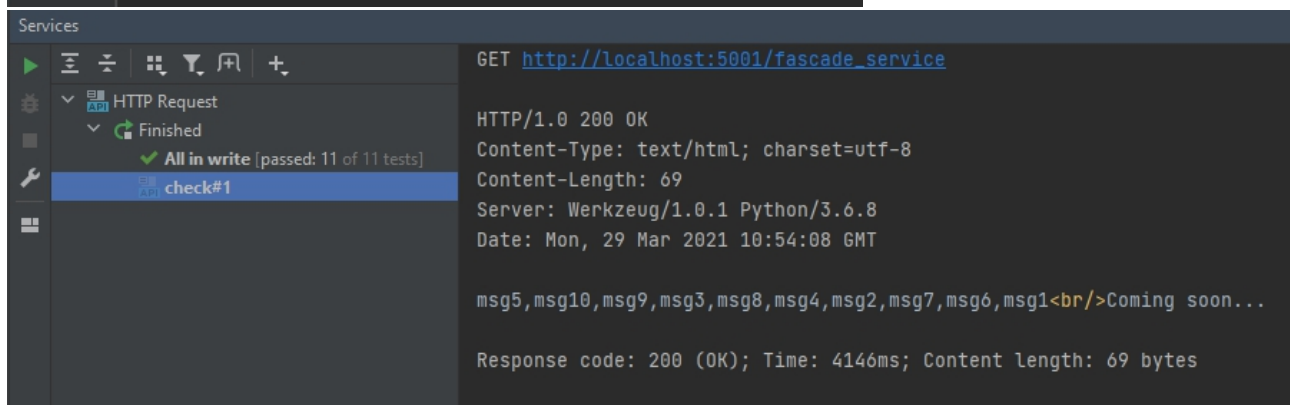
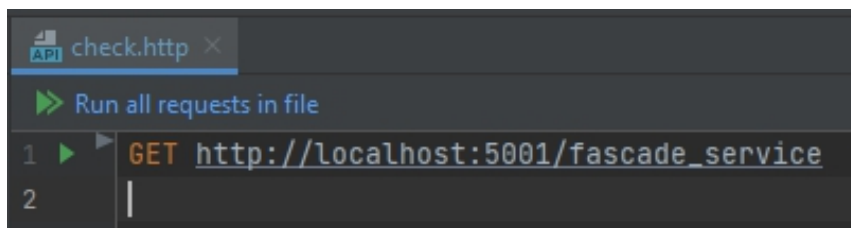
Через HTTP POST записати 10 повідомлень *msg1-msg10* через *facade-service*



```
API write.http x
Run all requests in file
1 ▶ POST http://localhost:5001/facade_service
2   Content-Type: application/json
3
4   {"msg": "msg1"}
5
6   ###
7 ▶ POST http://localhost:5001/facade_service
8   Content-Type: application/json
9
10  {"msg": "msg2"}
11
12  ###
13 ▶ POST http://localhost:5001/facade_service
14  Content-Type: application/json
15
16  {"msg": "msg3"}
17
18  ###
19 ▶ POST http://localhost:5001/facade_service
20  Content-Type: application/json
21
22  {"msg": "msg4"}
23
24  ###
25 ▶ POST http://localhost:5001/facade_service
26  Content-Type: application/json
```



Через HTTP GET з *fascade-service* прочитати повідомлення



Вимкнути один/два екземпляри *logging-service* (разом з ним мають вимикатись й ноди Hazelcast) та перевірити чи зможемо прочитати повідомлення

5007-hazelcast	hazelcast/hazelcast
EXITED (143)	PORT: 5703
5005-hazelcast	hazelcast/hazelcast
EXITED (143)	PORT: 5701
5006-hazelcast	hazelcast/hazelcast
RUNNING	PORT: 5702

Services

GET http://localhost:5001/fascade_service

HTTP/1.0 200 OK
 Content-Type: text/html; charset=utf-8
 Content-Length: 69
 Server: Werkzeug/1.0.1 Python/3.6.8
 Date: Mon, 29 Mar 2021 10:57:23 GMT

msg4,msg3,msg2,msg10,msg6,msg8,msg5,msg1,msg7,msg9
Coming soon...

Response code: 200 (OK); Time: 8168ms; Content length: 69 bytes

Вміст консолі мікросервісів:

fascade x msg-srv x

D:\Родионов\2sem\lab2\newvenv\Scripts\python.exe D:/Родионов/2sem/lab2/fascade-service/fascade.py

* Serving Flask app "fascade" (lazy loading)
 * Environment: production
 WARNING: This is a development server. Do not use it in a production deployment.
 Use a production WSGI server instead.
 * Debug mode: on
 * Restarting with stat
 * Debugger is active!
 * Debugger PIN: 859-827-778
 * Running on <http://127.0.0.1:5001/> (Press CTRL+C to quit)

127.0.0.1 - - [29/Mar/2021 13:53:25] "POST /fascade_service HTTP/1.1" 200 -
 127.0.0.1 - - [29/Mar/2021 13:53:27] "POST /fascade_service HTTP/1.1" 200 -
 127.0.0.1 - - [29/Mar/2021 13:53:30] "POST /fascade_service HTTP/1.1" 200 -
 127.0.0.1 - - [29/Mar/2021 13:53:32] "POST /fascade_service HTTP/1.1" 200 -
 127.0.0.1 - - [29/Mar/2021 13:53:34] "POST /fascade_service HTTP/1.1" 200 -
 127.0.0.1 - - [29/Mar/2021 13:53:36] "POST /fascade_service HTTP/1.1" 200 -
 127.0.0.1 - - [29/Mar/2021 13:53:38] "POST /fascade_service HTTP/1.1" 200 -
 127.0.0.1 - - [29/Mar/2021 13:53:40] "POST /fascade_service HTTP/1.1" 200 -
 127.0.0.1 - - [29/Mar/2021 13:53:42] "POST /fascade_service HTTP/1.1" 200 -
 127.0.0.1 - - [29/Mar/2021 13:53:44] "POST /fascade_service HTTP/1.1" 200 -
 127.0.0.1 - - [29/Mar/2021 13:54:08] "GET /fascade_service HTTP/1.1" 200 -
 127.0.0.1 - - [29/Mar/2021 13:57:23] "GET /fascade_service HTTP/1.1" 200 -

Run: msg-srv x

D:\Родионов\2sem\lab2\newvenv\Scripts\python.exe D:/Родионов/2sem/lab2/messages-service/msg-srv.py

* Serving Flask app "msg-srv" (lazy loading)
 * Environment: production
 WARNING: This is a development server. Do not use it in a production deployment.
 Use a production WSGI server instead.
 * Debug mode: on
 * Restarting with stat
 * Debugger is active!
 * Debugger PIN: 859-827-778
 * Running on <http://127.0.0.1:5003/> (Press CTRL+C to quit)

127.0.0.1 - - [29/Mar/2021 13:54:08] "GET / HTTP/1.1" 200 -
 127.0.0.1 - - [29/Mar/2021 13:57:23] "GET / HTTP/1.1" 200 -

```
(newvenv) D:\Родионов\2sem\lab2>python logging-service\log_srv.py 5005
* Serving Flask app "log_srv" (lazy loading)
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
* Debug mode: on
* Restarting with stat
* Debugger is active!
* Debugger PIN: 859-827-778
* Running on http://127.0.0.1:5005/ (Press CTRL+C to quit)
{'83395a5e-031f-4ee7-b8b3-c5518436eeb7': 'msg5'}
127.0.0.1 - - [29/Mar/2021 13:53:34] "[37mPOST /log HTTP/1.1[0m" 200 -
{'c1cfb42b-db35-4dfa-9aeb-d3681857655f': 'msg6'}
127.0.0.1 - - [29/Mar/2021 13:53:36] "[37mPOST /log HTTP/1.1[0m" 200 -
{'a106649c-3c41-4831-9925-f08d7cf2ede3': 'msg7'}
127.0.0.1 - - [29/Mar/2021 13:53:38] "[37mPOST /log HTTP/1.1[0m" 200 -
{'267e8b84-afc1-44c8-9fa7-74f6e3a3dfd4': 'msg10'}
127.0.0.1 - - [29/Mar/2021 13:53:44] "[37mPOST /log HTTP/1.1[0m" 200 -
Good luck!
Good luck!
```

```
(newvenv) D:\Родионов\2sem\lab2>python logging-service\log_srv.py 5006
* Serving Flask app "log_srv" (lazy loading)
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
* Debug mode: on
* Restarting with stat
* Debugger is active!
* Debugger PIN: 859-827-778
* Running on http://127.0.0.1:5006/ (Press CTRL+C to quit)
{'1a858f9f-3eeb-4ac0-b7a6-4444c671ed52': 'msg1'}
127.0.0.1 - - [29/Mar/2021 13:53:25] "[37mPOST /log HTTP/1.1[0m" 200 -
{'4f44d0bf-0db1-4da6-9d5c-5174189b25f5': 'msg2'}
127.0.0.1 - - [29/Mar/2021 13:53:27] "[37mPOST /log HTTP/1.1[0m" 200 -
{'ab45b5fe-bd3a-4cbe-a8b3-425e2dd0e1d0': 'msg3'}
127.0.0.1 - - [29/Mar/2021 13:53:30] "[37mPOST /log HTTP/1.1[0m" 200 -
{'0303f958-695a-4ea8-91f8-fca43772f13e': 'msg4'}
127.0.0.1 - - [29/Mar/2021 13:53:32] "[37mPOST /log HTTP/1.1[0m" 200 -
{'df54dfb7-435e-4805-a341-f2221cac97e6': 'msg8'}
127.0.0.1 - - [29/Mar/2021 13:53:40] "[37mPOST /log HTTP/1.1[0m" 200 -
127.0.0.1 - - [29/Mar/2021 13:57:21] "[37mGET /log HTTP/1.1[0m" 200 -
```



```
(newvenv) D:\Родионов\2sem\lab2>python logging-service\log_srv.py 5007
* Serving Flask app "log_srv" (lazy loading)
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
* Debug mode: on
* Restarting with stat
* Debugger is active!
* Debugger PIN: 859-827-778
* Running on http://127.0.0.1:5007/ (Press CTRL+C to quit)
{'a2accae3-8b20-4e1b-b323-2b199531d79c': 'msg9'}
127.0.0.1 - - [29/Mar/2021 13:53:42] "[37mPOST /log HTTP/1.1[0m" 200 -
127.0.0.1 - - [29/Mar/2021 13:54:06] "[37mGET /log HTTP/1.1[0m" 200 -
Good luck!
Good luck!
```