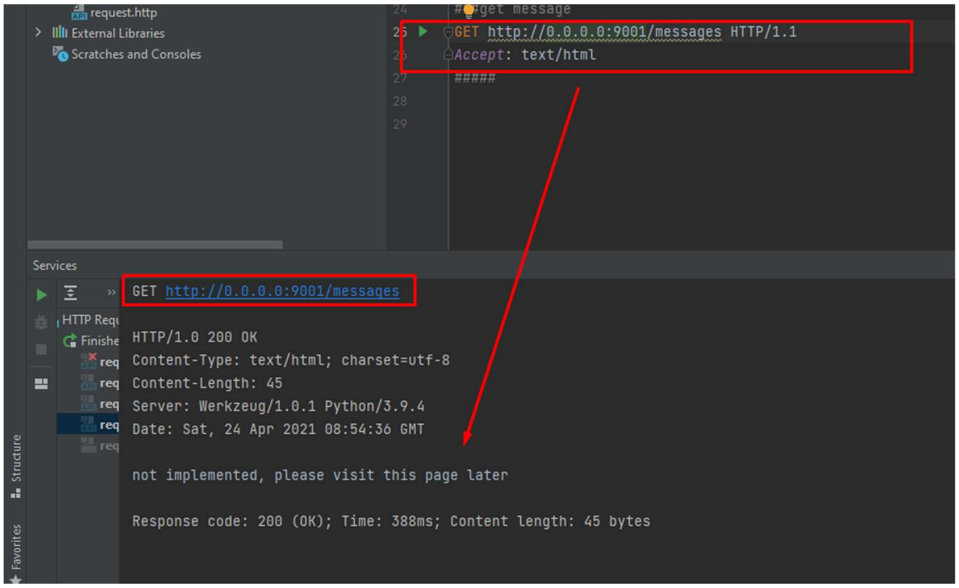
Kovalenko Anhelina Lab4

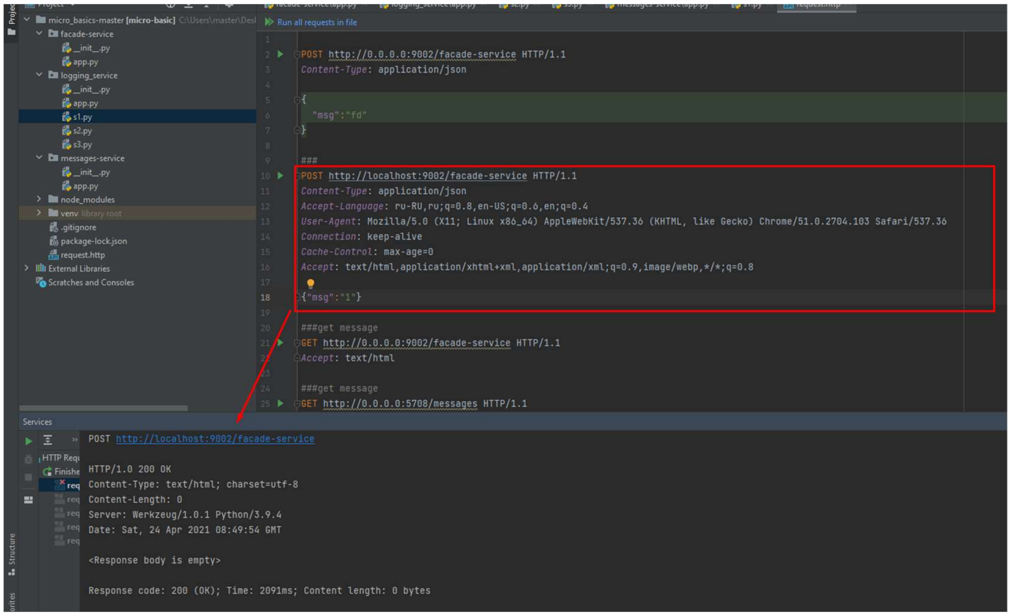
1. Message service



```
#get message
GET http://0.0.0.0:9001/messages HTTP/1.1
Accept: text/html
#####
```

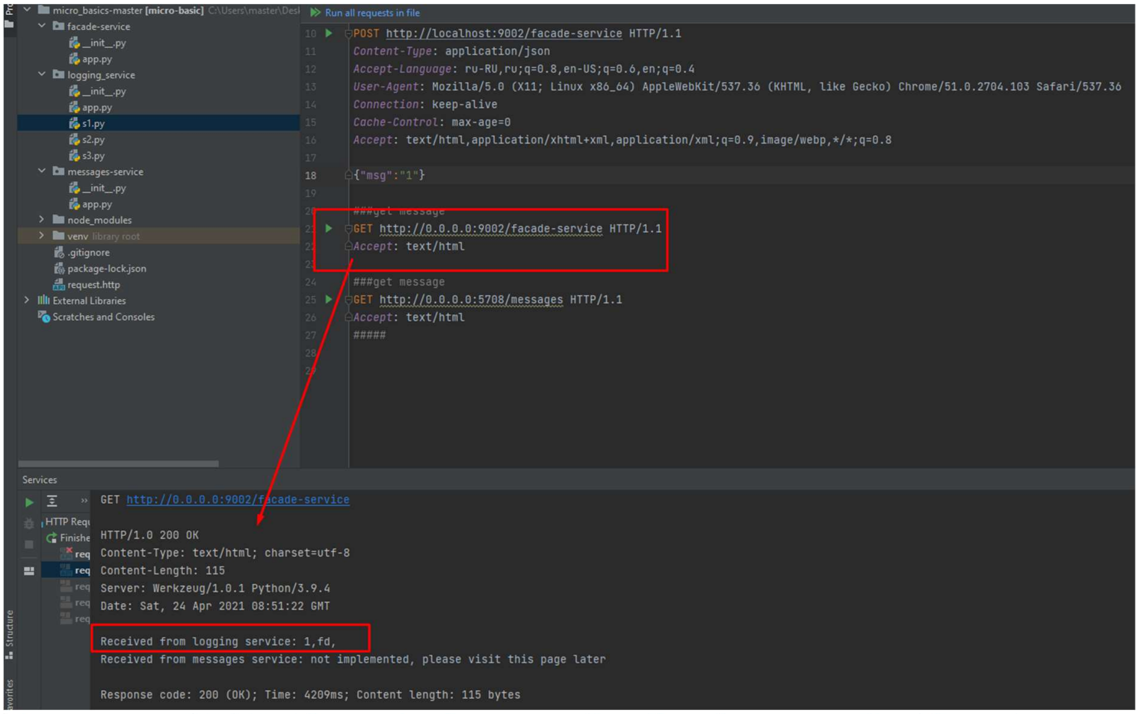
```
GET http://0.0.0.0:9001/messages

HTTP/1.0 200 OK
Content-Type: text/html; charset=utf-8
Content-Length: 45
Server: Werkzeug/1.0.1 Python/3.9.4
Date: Sat, 24 Apr 2021 08:54:36 GMT

not implemented, please visit this page later

Response code: 200 (OK); Time: 388ms; Content length: 45 bytes
```

2. Requests to façade



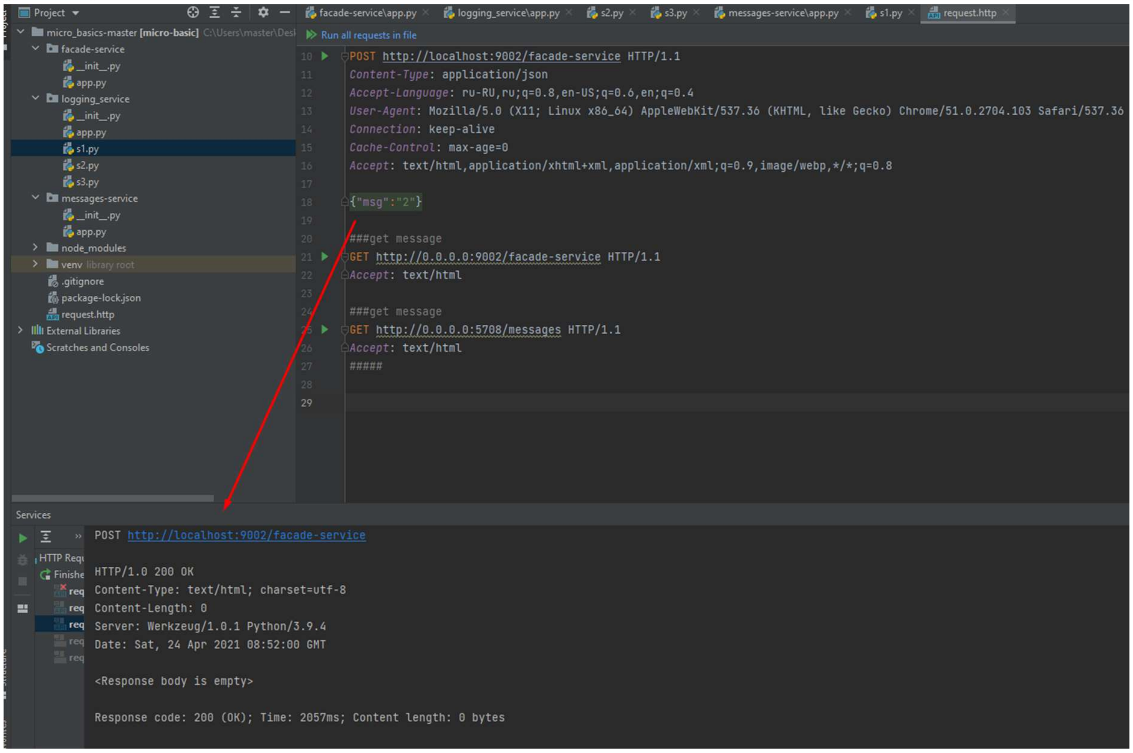
```
POST http://0.0.0.0:9002/facade-service HTTP/1.1
Content-Type: application/json

{
  "msg":"fd"
}

###
POST http://localhost:9002/facade-service HTTP/1.1
Content-Type: application/json
Accept-Language: ru-RU,ru;q=0.8,en-US;q=0.6,en;q=0.4
User-Agent: Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.103 Safari/537.36
Connection: keep-alive
Cache-Control: max-age=0
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8

{"msg":"1"}

###get message
GET http://0.0.0.0:9002/facade-service HTTP/1.1
Accept: text/html

###get message
GET http://0.0.0.0:5708/messages HTTP/1.1
```

```
POST http://localhost:9002/facade-service

HTTP/1.0 200 OK
Content-Type: text/html; charset=utf-8
Content-Length: 0
Server: Werkzeug/1.0.1 Python/3.9.4
Date: Sat, 24 Apr 2021 08:49:54 GMT

<Response body is empty>

Response code: 200 (OK); Time: 2091ms; Content length: 0 bytes
```



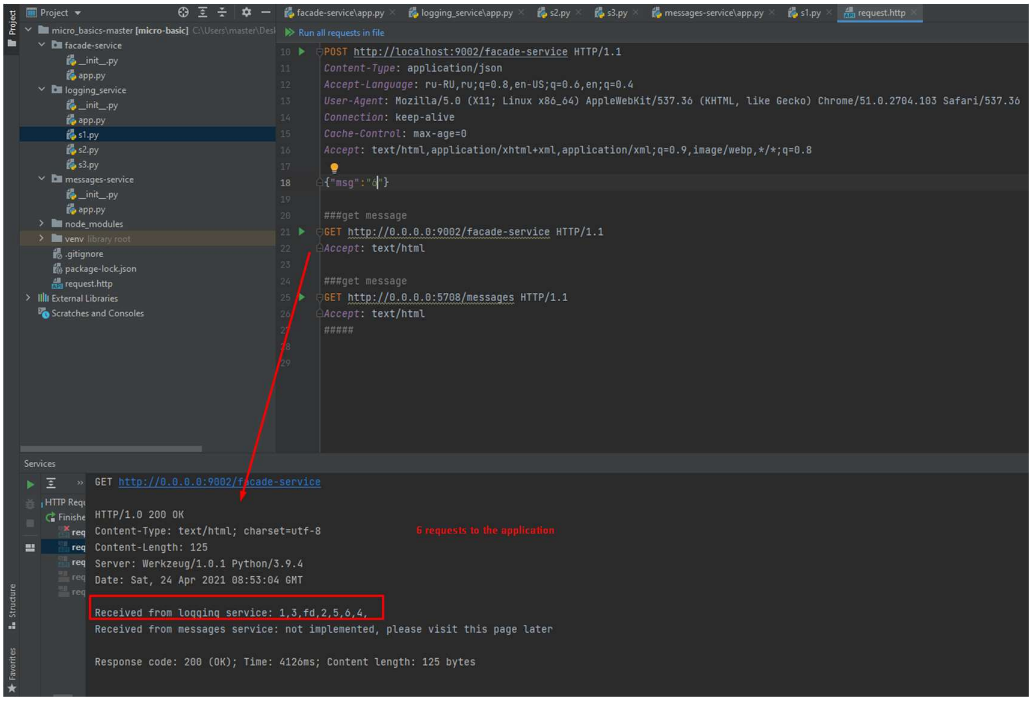
```
POST http://localhost:9002/facade-service HTTP/1.1
Content-Type: application/json
Accept-Language: ru-RU,ru;q=0.8,en-US;q=0.6,en;q=0.4
User-Agent: Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.103 Safari/537.36
Connection: keep-alive
Cache-Control: max-age=0
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8

{"msg":"1"}

###get message
GET http://0.0.0.0:9002/facade-service HTTP/1.1
Accept: text/html

###get message
GET http://0.0.0.0:5708/messages HTTP/1.1
Accept: text/html
#####
```

```
GET http://0.0.0.0:9002/facade-service

HTTP/1.0 200 OK
Content-Type: text/html; charset=utf-8
Content-Length: 115
Server: Werkzeug/1.0.1 Python/3.9.4
Date: Sat, 24 Apr 2021 08:51:22 GMT

Received from logging service: 1,fd,
Received from messages service: not implemented, please visit this page later

Response code: 200 (OK); Time: 4209ms; Content length: 115 bytes
```



```
POST http://localhost:9002/facade-service HTTP/1.1
Content-Type: application/json
Accept-Language: ru-RU,ru;q=0.8,en-US;q=0.6,en;q=0.4
User-Agent: Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.103 Safari/537.36
Connection: keep-alive
Cache-Control: max-age=0
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8

{"msg":"2"}

###get message
GET http://0.0.0.0:9002/facade-service HTTP/1.1
Accept: text/html

###get message
GET http://0.0.0.0:5708/messages HTTP/1.1
Accept: text/html
#####
```

```
POST http://localhost:9002/facade-service

HTTP/1.0 200 OK
Content-Type: text/html; charset=utf-8
Content-Length: 0
Server: Werkzeug/1.0.1 Python/3.9.4
Date: Sat, 24 Apr 2021 08:52:00 GMT

<Response body is empty>

Response code: 200 (OK); Time: 2057ms; Content length: 0 bytes
```

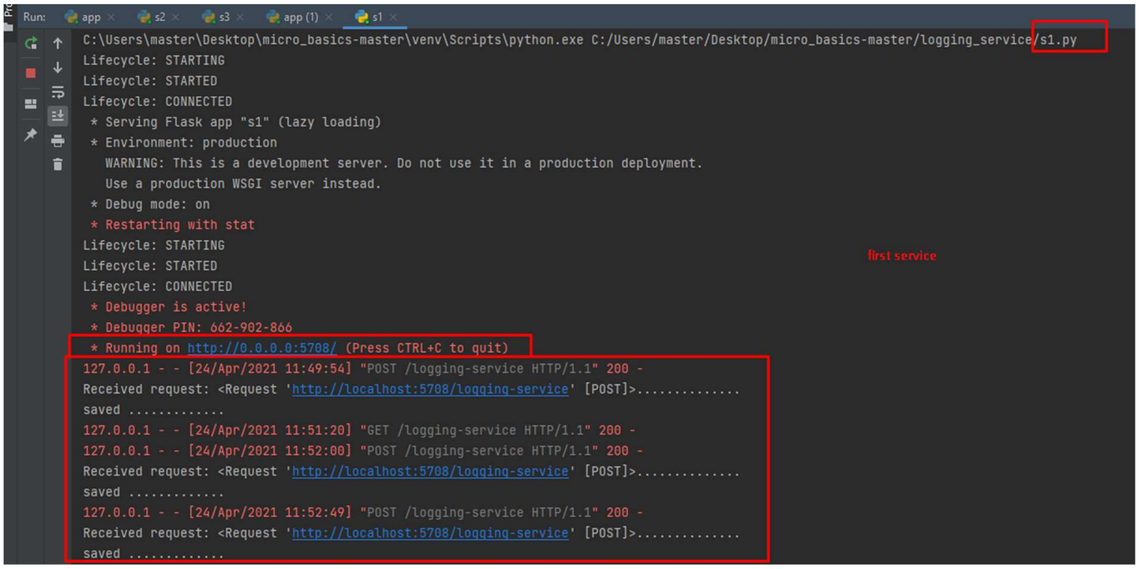


```
POST http://localhost:9002/facade-service HTTP/1.1
Content-Type: application/json
Accept-Language: ru-RU,ru;q=0.8,en-US;q=0.6,en;q=0.4
User-Agent: Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.103 Safari/537.36
Connection: keep-alive
Cache-Control: max-age=0
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8

{"msg":"6"}

###get message
GET http://0.0.0.0:9002/facade-service HTTP/1.1
Accept: text/html

###get message
GET http://0.0.0.0:5708/messages HTTP/1.1
Accept: text/html
#####
```

```
GET http://0.0.0.0:9002/facade-service

HTTP/1.0 200 OK
Content-Type: text/html; charset=utf-8
Content-Length: 125
Server: Werkzeug/1.0.1 Python/3.9.4
Date: Sat, 24 Apr 2021 08:53:04 GMT

Received from logging service: 1,3,fd,2,5,6,4,
Received from messages service: not implemented, please visit this page later

Response code: 200 (OK); Time: 4126ms; Content length: 125 bytes
```

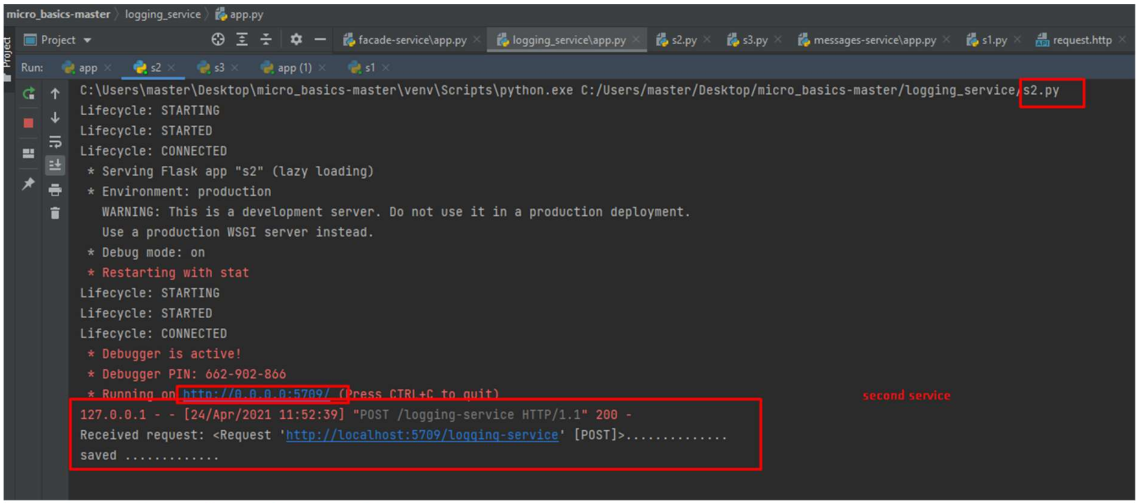
6 requests to the application

3. Logging services

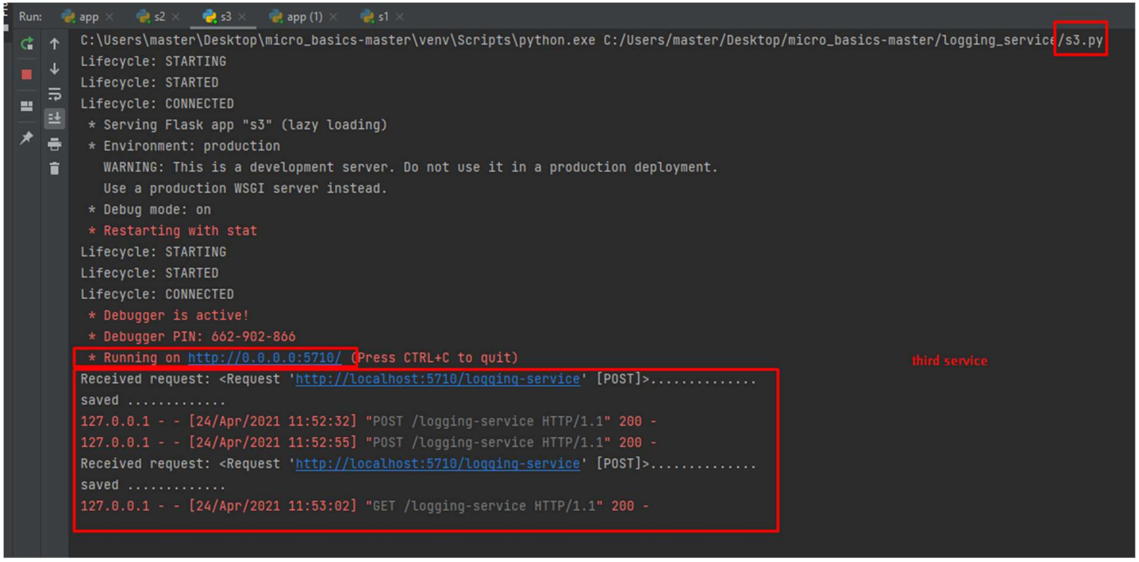


```
C:\Users\master\Desktop\micro_basics-master\venv\Scripts\python.exe C:/Users/master/Desktop/micro_basics-master/logging_service/s1.py
Lifecycle: STARTING
Lifecycle: STARTED
Lifecycle: CONNECTED
 * Serving Flask app "s1" (lazy loading)
 * Environment: production
   WARNING: This is a development server. Do not use it in a production deployment.
   Use a production WSGI server instead.
 * Debug mode: on
 * Restarting with stat
Lifecycle: STARTING
Lifecycle: STARTED
Lifecycle: CONNECTED
 * Debugger is active!
 * Debugger PIN: 662-902-866
 * Running on http://0.0.0.0:5708/ (Press CTRL+C to quit)
127.0.0.1 - - [24/Apr/2021 11:49:54] "POST /logging-service HTTP/1.1" 200 -
Received request: <Request 'http://localhost:5708/logging-service' [POST]>.............
saved ............
127.0.0.1 - - [24/Apr/2021 11:51:20] "GET /logging-service HTTP/1.1" 200 -
127.0.0.1 - - [24/Apr/2021 11:52:00] "POST /logging-service HTTP/1.1" 200 -
Received request: <Request 'http://localhost:5708/logging-service' [POST]>.............
saved ............
127.0.0.1 - - [24/Apr/2021 11:52:49] "POST /logging-service HTTP/1.1" 200 -
Received request: <Request 'http://localhost:5708/logging-service' [POST]>.............
saved ............
```

first service

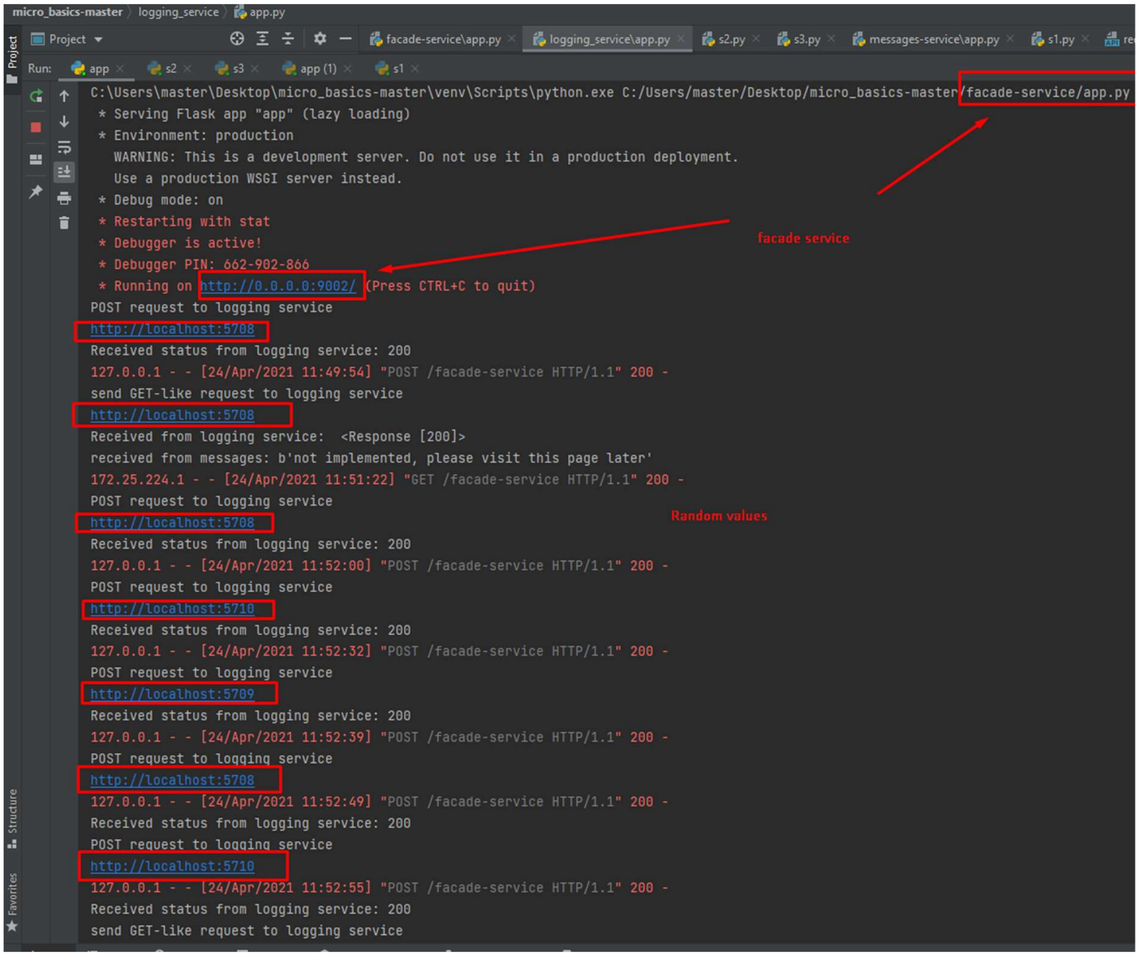


```
C:\Users\master\Desktop\micro_basics-master\venv\Scripts\python.exe C:/Users/master/Desktop/micro_basics-master/logging_service/s2.py
Lifecycle: STARTING
Lifecycle: STARTED
Lifecycle: CONNECTED
 * Serving Flask app "s2" (lazy loading)
 * Environment: production
   WARNING: This is a development server. Do not use it in a production deployment.
   Use a production WSGI server instead.
 * Debug mode: on
 * Restarting with stat
Lifecycle: STARTING
Lifecycle: STARTED
Lifecycle: CONNECTED
 * Debugger is active!
 * Debugger PIN: 662-902-866
 * Running on http://0.0.0.0:5709/ (Press CTRL+C to quit)
127.0.0.1 - - [24/Apr/2021 11:52:39] "POST /logging-service HTTP/1.1" 200 -
Received request: <Request 'http://localhost:5709/logging-service' [POST]>.............
saved ............
```



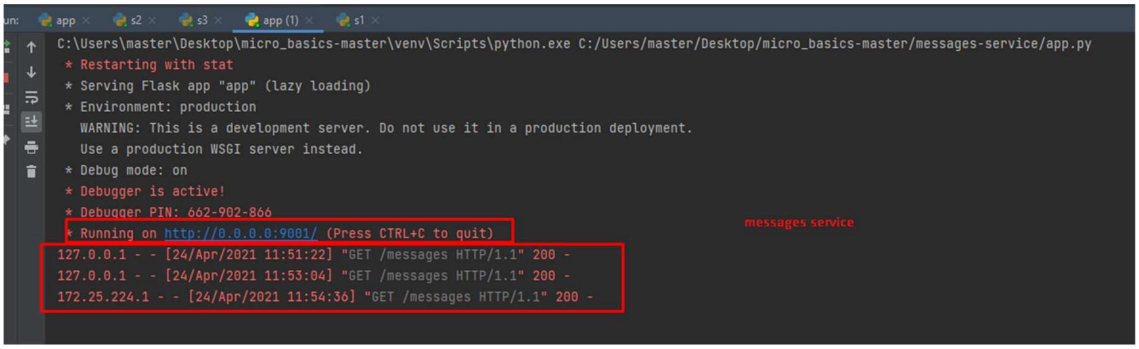
```
C:\Users\master\Desktop\micro_basics-master\venv\Scripts\python.exe C:/Users/master/Desktop/micro_basics-master/logging_service/s3.py
Lifecycle: STARTING
Lifecycle: STARTED
Lifecycle: CONNECTED
 * Serving Flask app "s3" (lazy loading)
 * Environment: production
   WARNING: This is a development server. Do not use it in a production deployment.
   Use a production WSGI server instead.
 * Debug mode: on
 * Restarting with stat
Lifecycle: STARTING
Lifecycle: STARTED
Lifecycle: CONNECTED
 * Debugger is active!
 * Debugger PIN: 662-902-866
 * Running on http://0.0.0.0:5710/ (Press CTRL+C to quit)
Received request: <Request 'http://localhost:5710/logging-service' [POST]>.............
saved ............
127.0.0.1 - - [24/Apr/2021 11:52:32] "POST /logging-service HTTP/1.1" 200 -
127.0.0.1 - - [24/Apr/2021 11:52:55] "POST /logging-service HTTP/1.1" 200 -
Received request: <Request 'http://localhost:5710/logging-service' [POST]>.............
saved ............
127.0.0.1 - - [24/Apr/2021 11:53:02] "GET /logging-service HTTP/1.1" 200 -
```

4. Façade



```
C:\Users\master\Desktop\micro_basics-master\venv\Scripts\python.exe C:/Users/master/Desktop/micro_basics-master/facade-service/app.py
 * Serving Flask app "app" (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: 662-902-866
 * Running on http://0.0.0.0:9002/ (Press CTRL+C to quit)
POST request to logging service
http://localhost:5708
Received status from logging service: 200
127.0.0.1 - - [24/Apr/2021 11:49:54] "POST /facade-service HTTP/1.1" 200 -
send GET-like request to logging service
http://localhost:5708
Received from logging service:  <Response [200]>
received from messages: b'not implemented, please visit this page later'
172.25.224.1 - - [24/Apr/2021 11:51:22] "GET /facade-service HTTP/1.1" 200 -
POST request to logging service
http://localhost:5708
Received status from logging service: 200
127.0.0.1 - - [24/Apr/2021 11:52:00] "POST /facade-service HTTP/1.1" 200 -
POST request to logging service
http://localhost:5710
Received status from logging service: 200
127.0.0.1 - - [24/Apr/2021 11:52:32] "POST /facade-service HTTP/1.1" 200 -
POST request to logging service
http://localhost:5709
Received status from logging service: 200
127.0.0.1 - - [24/Apr/2021 11:52:39] "POST /facade-service HTTP/1.1" 200 -
POST request to logging service
http://localhost:5708
127.0.0.1 - - [24/Apr/2021 11:52:49] "POST /facade-service HTTP/1.1" 200 -
Received status from logging service: 200
POST request to logging service
http://localhost:5710
127.0.0.1 - - [24/Apr/2021 11:52:55] "POST /facade-service HTTP/1.1" 200 -
Received status from logging service: 200
send GET-like request to logging service
```

5. Messages service



```
C:\Users\master\Desktop\micro_basics-master\venv\Scripts\python.exe C:/Users/master/Desktop/micro_basics-master/messages-service/app.py
 * Restarting with stat
 * Serving Flask app "app" (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
 * Debugger is active!
 * Debugger PIN: 662-902-866
 * Running on http://0.0.0.0:9001/ (Press CTRL+C to quit)
127.0.0.1 - - [24/Apr/2021 11:51:22] "GET /messages HTTP/1.1" 200 -
127.0.0.1 - - [24/Apr/2021 11:53:04] "GET /messages HTTP/1.1" 200 -
172.25.224.1 - - [24/Apr/2021 11:54:36] "GET /messages HTTP/1.1" 200 -
```