Logging services output:

```
PS D:\Da\UCU\Year3\Sem
mester2\Architecture\a
lab4python>& "D:/Da/St
oft/Python 3.7.4/pythe
on.exe" d:/Da/UCU/Yeae
r3/Semester2/Architecl
ture/lab4python/logge0
r.py 8082
Launched on port  8082
2

msg =  msg2  UUID =  269ffb39-
eee6-584a-b6c3-7e8d363056e
127.0.0.1 - - [01/May/2022 21:
51:29] "POST / HTTP/1.1" 200 -

msg =  msg5  UUID =  d4fb46c8-
8a28-57dd-bee6-2c041011e0a
127.0.0.1 - - [01/May/2022 21:
51:48] "POST / HTTP/1.1" 200 -

msg =  msg9  UUID =  6a86c666-
db9b-5b6e-94b2-990a95a783a
127.0.0.1 - - [01/May/2022 21:
52:13] "POST / HTTP/1.1" 200 -

msg =  msg10  UUID =  02f2bfad
-3e03-5f09-87e3-1c06de44a9c
127.0.0.1 - - [01/May/2022 21:
52:19] "POST / HTTP/1.1" 200 -
```

```
PS D:\Da\UCU\Year3\Sem4
ester2\Architecture\laP
b4python> & "D:/Da/Sof"
t/Python 3.7.4/python.t
exe" d:/Da/UCU/Year3/Sy
emester2/Architecture/
lab4python/logger.py 8
083
Launched on port  8083

msg =  msg1  UUID =  4
87e0156-a04c-5aeb-b42c
-52c752bc2dd
127.0.0.1 - - [01/May/
2022 21:51:23] "POST /
 HTTP/1.1" 200 -
msg =  msg3  UUID =  f
df39143-3087-595c-8efc
-3f00cd2fbda
127.0.0.1 - - [01/May/
2022 21:51:36] "POST / HTTP/1.1" 200
-
msg =  msg4  UUID =  ea443182-4ac5-58
5c-bc27-6ddf87b692c
127.0.0.1 - - [01/May/2022 21:51:42]
"POST / HTTP/1.1" 200 -
msg =  msg6  UUID =  5c940d55-7bca-5c
df-879c-72b32945d25
127.0.0.1 - - [01/May/2022 21:51:54]
"POST / HTTP/1.1" 200 -
msg =  msg7  UUID =  91322259-b5d9-5a
25-a003-0d6a9b259ba
127.0.0.1 - - [01/May/2022 21:52:01]
"POST / HTTP/1.1" 200 -
msg =  msg8  UUID =  d282689d-b8eb-5f
ce-9200-713be0936e3
127.0.0.1 - - [01/May/2022 21:52:07]
"POST / HTTP/1.1" 200 -
```

```
Try the new cross-platform
 PowerShell https://aka.ms
/pscore6

PS D:\Da\UCU\Year3\Semeste
r2\Architecture\lab4python
> & "D:/Da/Soft/Python 3.7
.4/python.exe" d:/Da/UCU/Y
ear3/Semester2/Architectur
e/lab4python/logger.py 808
4
Launched on port  8084
```

Message services output:

```
lab4python> & "D:/Da/S        b4python> & "D:/Da/Sof
oft/Python 3.7.4/pytho        t/Python 3.7.4/python.
n.exe" d:/Da/UCU/Year3        exe" d:/Da/UCU/Year3/S
/Semester2/Architectur        emester2/Architecture/
e/lab4python/messages.        lab4python/messages.py
py                             8085
Launched on port  8081        Launched on port  8085


Messages Service Post         Messages Service Post
message =  ['msg2']           message =  ['msg1']
Messages Service Post         Messages Service Post
message =  ['msg4']           message =  ['msg3']
Messages Service Post         Messages Service Post
message =  ['msg6']           message =  ['msg5']
Messages Service Post         Messages Service Post
message =  ['msg8']           message =  ['msg7']
Messages Service Post         []
message =  ['msg9']
Messages Service Post
message =  ['msg10']
[]
```

Postrequest.py script result:

```
d:\Da\UCU\Year3\Semester2\Architecture\lab4python>python postrequest.py
200
POST request b'msg=msg1'
200
POST request b'msg=msg2'
200
POST request b'msg=msg3'
200
POST request b'msg=msg4'
200
POST request b'msg=msg5'
200
POST request b'msg=msg6'
200
POST request b'msg=msg7'
200
POST request b'msg=msg8'
200
POST request b'msg=msg9'
200
POST request b'msg=msg10'

d:\Da\UCU\Year3\Semester2\Architecture\lab4python>_
```

Getrequest.py script result:

```
d:\Da\UCU\Year3\Semester2\Architecture\lab4python>python getrequest.py
200
["[('ea443182-4ac5-585c-bc27-6ddf87b692c', 'msg4'), ('269ffb39-eee6-584a-b6c3-7e8d363056e', 'msg2'), ('487e0156-a04c-5aeb-
b42c-52c752bc2dd', 'msg1'), ('5c940d55-7bca-5cdf-879c-72b32945d25', 'msg6'), ('d4fb46c8-8a28-57dd-bee6-2c041011e0a', 'msg5
'), ('91322259-b5d9-5a25-a003-0d6a9b259ba', 'msg7'), ('6a86c666-db9b-5b6e-94b2-990a95a783a', 'msg9'), ('d282689d-b8eb-5fce
-9200-713be0936e3', 'msg8'), ('02f2bfad-3e03-5f09-87e3-1c06de44a9c', 'msg10'), ('fdf39143-3087-595c-8efc-3f00cd2fbda', 'ms
g3')]", "Messages Service Get request ['msg1', 'msg2', 'msg3', 'msg4', 'msg5', 'msg6', 'msg7', 'msg8', 'msg9', 'msg10']"]

d:\Da\UCU\Year3\Semester2\Architecture\lab4python>python getrequest.py
200
["[('ea443182-4ac5-585c-bc27-6ddf87b692c', 'msg4'), ('269ffb39-eee6-584a-b6c3-7e8d363056e', 'msg2'), ('487e0156-a04c-5aeb-
b42c-52c752bc2dd', 'msg1'), ('5c940d55-7bca-5cdf-879c-72b32945d25', 'msg6'), ('d4fb46c8-8a28-57dd-bee6-2c041011e0a', 'msg5
'), ('91322259-b5d9-5a25-a003-0d6a9b259ba', 'msg7'), ('6a86c666-db9b-5b6e-94b2-990a95a783a', 'msg9'), ('d282689d-b8eb-5fce
-9200-713be0936e3', 'msg8'), ('02f2bfad-3e03-5f09-87e3-1c06de44a9c', 'msg10'), ('fdf39143-3087-595c-8efc-3f00cd2fbda', 'ms
g3')]", "Messages Service Get request ['msg1', 'msg2', 'msg3', 'msg4', 'msg5', 'msg6', 'msg7', 'msg8', 'msg9', 'msg10']"]

d:\Da\UCU\Year3\Semester2\Architecture\lab4python>
```