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Институт цифрового образования  
Департамент информатики, управления и технологий

## **Практическая работа №2**

Тема: «Multicast»

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Москва

2022

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socket\_multicast\_sender.py - examples - Visual Studio Code

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PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

```
lemp001@u20-17:~/Downloads/Distributed_s
tems-main/d-zadanie/03-mq/examples$ pyth
on3 socket_multicast_receiver.py

waiting to receive message
received 19 bytes from ('172.26.35.37', 3
5776)
b'very important data'
sending acknowledgement to ('172.26.35.37
', 35776)

waiting to receive message
received 19 bytes from ('172.26.35.132',
49137)
b'very important data'
sending acknowledgement to ('172.26.35.13
2', 49137)

waiting to receive message
received 6 bytes from ('172.26.35.37', 51
688)
b'Privet'
sending acknowledgement to ('172.26.35.37
', 51688)

waiting to receive message
received 5 bytes from ('172.26.35.132', 3
9029)
b'salam'
sending acknowledgement to ('172.26.35.13
2', 39029)

waiting to receive message

```

```
lemp001@u20-17:~/Downloads/Distributed_s
ystems-main/d-zadanie/03-mq/examples$ py
thon3 socket_multicast_sender.py
sending b'very important data'
waiting to receive
received b'ack' from ('172.26.35.37', 10
000)
waiting to receive
received b'ack' from ('172.26.35.124', 1
0000)
waiting to receive
received b'ack' from ('172.26.35.127', 1
0000)
waiting to receive
received b'ack' from ('172.26.35.133', 1
0000)
waiting to receive
received b'ack' from ('172.26.35.123', 1
0000)
waiting to receive
received b'ack' from ('172.26.35.121', 1
0000)
waiting to receive
received b'ack' from ('172.26.35.29', 10
000)
waiting to receive
received b'ack' from ('172.26.35.20', 10
000)
waiting to receive
received b'ack' from ('172.26.35.122', 1
0000)
waiting to receive
received b'ack' from ('172.26.35.25', 10
000)
waiting to receive
received b'ack' from ('172.26.35.30', 10
000)
waiting to receive

```

bash  
python3  
bash

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socket\_multicast\_sender.py - examples - Visual Studio Code

File Edit Selection View Go Run Terminal Help

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

```
waiting to receive message
received 19 bytes from ('172.26.35.37', 3
5776)
b'very important data'
sending acknowledgement to ('172.26.35.37
', 35776)

waiting to receive message
received 19 bytes from ('172.26.35.132',
49137)
b'very important data'
sending acknowledgement to ('172.26.35.13
2', 49137)

waiting to receive message
received 6 bytes from ('172.26.35.37', 51
688)
b'Privet'
sending acknowledgement to ('172.26.35.37
', 51688)

waiting to receive message
received 5 bytes from ('172.26.35.132', 3
9029)
b'salam'
sending acknowledgement to ('172.26.35.13
2', 39029)

waiting to receive message
received 3 bytes from ('172.26.35.132', 5
9473)
b'sal'
sending acknowledgement to ('172.26.35.13
2', 59473)

waiting to receive message

```

```
waiting to receive
received b'ack' from ('172.26.35.20', 10
000)
waiting to receive
received b'ack' from ('172.26.35.30', 10
000)
waiting to receive
received b'ack' from ('172.26.35.25', 10
000)
waiting to receive
received b'ack' from ('172.26.35.128', 1
0000)
waiting to receive
received b'ack' from ('172.26.35.29', 10
000)
waiting to receive
received b'ack' from ('172.26.35.127', 1
0000)
waiting to receive
received b'ack' from ('172.26.35.133', 1
0000)
waiting to receive
received b'ack' from ('172.26.35.31', 10
000)
waiting to receive
received b'ack' from ('172.26.35.132', 1
0000)
waiting to receive
received b'ack' from ('172.26.35.139', 1
0000)
waiting to receive
received b'ack' from ('172.26.35.121', 1
0000)
waiting to receive
timed out, no more responses
closing socket
lemp001@u20-17:~/Downloads/Distributed_s
ystems-main/d-zadanie/03-mq/examples$

```

bash  
python3  
bash

Ln 4, Col 1 Spaces: 4 UTF-8 LF Python 3.8.10 64-bit