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«Московский городской педагогический университет»
Институт цифрового образования
Департамент информатики, управления и технологий

Практическая работа № 2

Тема: «Мультикаст»

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Москва
2022

Activities Visual Studio Code ceH 23 16:20 en

socket_multicast_sender.py - task_postgre - Visual Studio Code

File Edit Selection View Go Run Terminal Help

EXPLORER TASK_POSTGRE

- frlov2022
 - socket_multicast_receiver.py
 - socket_multicast_sender.py

PROBLEMS OUTPUT TERMINAL

TERMINAL

```
lemp@u20-11:~/Downloads/task_postgre$ python3 socket_multicast_receiver.py
waiting to receive message
received 19 bytes from ('172.26.35.133', 43111)
b'very important data'
sending acknowledgement to ('172.26.35.133', 43111)

waiting to receive message
received 19 bytes from ('172.26.35.128', 40081)
b'very important data'
sending acknowledgement to ('172.26.35.128', 40081)

waiting to receive message
received 19 bytes from ('172.26.35.29', 58567)
b'very important data'
sending acknowledgement to ('172.26.35.29', 58567)

waiting to receive message
received 19 bytes from ('172.26.35.20', 49823)
b'very important data'
sending acknowledgement to ('172.26.35.20', 49823)

waiting to receive message
received 19 bytes from ('172.26.35.122', 59127)
b'very important data'
sending acknowledgement to ('172.26.35.122', 59127)

lemp@u20-11:~/Downloads/task_postgre$ python3 socket_multicast_sender.py
sending b'very important data'
waiting to receive
received b'ack' from ('172.26.35.31', 10000)
waiting to receive
received b'ack' from ('172.26.35.128', 10000)
waiting to receive
received b'ack' from ('172.26.35.133', 10000)
waiting to receive
received b'ack' from ('172.26.35.25', 10000)
waiting to receive
received b'ack' from ('172.26.35.20', 10000)
waiting to receive
received b'ack' from ('172.26.35.123', 10000)
waiting to receive
received b'ack' from ('172.26.35.121', 10000)
waiting to receive
received b'ack' from ('172.26.35.124', 10000)
waiting to receive
received b'ack' from ('172.26.35.127', 10000)
waiting to receive
received b'ack' from ('172.26.35.122', 10000)
waiting to receive
received b'ack' from ('172.26.35.127', 10000)
```

Ln 5, Col 19 Spaces: 4 UTF-8 LF Python

Activities Visual Studio Code ceH 23 16:22 en

socket_multicast_sender.py - task_postgre - Visual Studio Code

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EXPLORER TASK_POSTGRE

- frlov2022
 - socket_multicast_receiver.py
 - socket_multicast_sender.py

PROBLEMS OUTPUT TERMINAL

TERMINAL

```
6.35.132', 39803)
b'very important data'
sending acknowledgement to ('172.26.35.132', 39803)

waiting to receive message
received 19 bytes from ('172.26.35.20', 45631)
b'very important data'
sending acknowledgement to ('172.26.35.20', 45631)

waiting to receive message
received 19 bytes from ('172.26.35.31', 60965)
b'very important data'
sending acknowledgement to ('172.26.35.31', 60965)

waiting to receive message
received 19 bytes from ('172.26.35.134', 45400)
b'very important data'
sending acknowledgement to ('172.26.35.134', 45400)

waiting to receive message
received 6 bytes from ('172.26.35.134', 53034)
b'Privet'
sending acknowledgement to ('172.26.35.134', 53034)

waiting to receive message
received 6 bytes from ('172.26.35.128', 41944)
b'PRIVET'

closing socket
lemp@u20-11:~/Downloads/task_postgre$ python3 socket_multicast_sender.py
sending b'very important data'
waiting to receive
received b'ack' from ('172.26.35.31', 10000)
waiting to receive
received b'ack' from ('172.26.35.122', 10000)
waiting to receive
received b'ack' from ('172.26.35.29', 10000)
waiting to receive
received b'ack' from ('172.26.35.124', 10000)
waiting to receive
received b'ack' from ('172.26.35.20', 10000)
waiting to receive
received b'ack' from ('172.26.35.127', 10000)
waiting to receive
received b'ack' from ('172.26.35.25', 10000)
waiting to receive
received b'ack' from ('172.26.35.123', 10000)
waiting to receive
received b'ack' from ('172.26.35.121', 10000)
waiting to receive
received b'ack' from ('172.26.35.30', 10000)
waiting to receive
```

Ln 5, Col 19 Spaces: 4 UTF-8 LF Python

Activities Visual Studio Code ceh 23 16:22 en

socket_multicast_sender.py - task_postgre - Visual Studio Code

File Edit Selection View Go Run Terminal Help

EXPLORER

- TASK_POSTGRE
 - Frolov2022
 - socket_multicast_receiver.py
 - socket_multicast_sender.py

PROBLEMS OUTPUT TERMINAL

TERMINAL

```
waiting to receive message
received 19 bytes from ('172.26.35.37', 35776)
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 ('172.26.35.132', 49137)

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

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

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

waiting to receive message
received b'ack' from ('172.26.35.139', 10000)
waiting to receive
received b'ack' from ('172.26.35.128', 10000)
waiting to receive
received b'ack' from ('172.26.35.127', 10000)
waiting to receive
received b'ack' from ('172.26.35.122', 10000)
waiting to receive
received b'ack' from ('172.26.35.20', 10000)
waiting to receive
received b'ack' from ('172.26.35.25', 10000)
waiting to receive
received b'ack' from ('172.26.35.30', 10000)
waiting to receive
received b'ack' from ('172.26.35.123', 10000)
waiting to receive
received b'ack' from ('172.26.35.133', 10000)
waiting to receive
received b'ack' from ('172.26.35.29', 10000)
waiting to receive
received b'ack' from ('172.26.35.121', 10000)
waiting to receive
timed out, no more responses
closing socket
lemp@u20-11:~/Downloads/task_
postgres
```

python3
bash

Ln 5, Col 19 Spaces: 4 UTF-8 LF Python