

## Программа на 8 баллов:

```
psok712@DESKTOP-OF05LEM: ~/hw11
psok712@DESKTOP-OF05LEM:~$ cd hw11
psok712@DESKTOP-OF05LEM:~/hw11$ ./client 8080
Listening for broadcast messages on port 8080...
Received broadcast message: hello
Received broadcast message: wow
Received broadcast message: wowowo

psok712@DESKTOP-OF05LEM: ~/hw11
Welcome to Ubuntu 22.04.3 LTS (GNU/Linux 5.15.146.1-microsoft-standard-WSL2 x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

 * Strictly confined Kubernetes makes edge and IoT secure. Learn how MicroK8s
   just raised the bar for easy, resilient and secure K8s cluster deployment.

   https://ubuntu.com/engage/secure-kubernetes-at-the-edge

This message is shown once a day. To disable it please create the
/home/psok712/.hushlogin file.
psok712@DESKTOP-OF05LEM:~$ cd hw11
psok712@DESKTOP-OF05LEM:~/hw11$ touch client.c
psok712@DESKTOP-OF05LEM:~/hw11$ nano client.c
psok712@DESKTOP-OF05LEM:~/hw11$ touch server.c
psok712@DESKTOP-OF05LEM:~/hw11$ nano server.c
psok712@DESKTOP-OF05LEM:~/hw11$ gcc -o server server.c
psok712@DESKTOP-OF05LEM:~/hw11$ gcc -o client client.c
psok712@DESKTOP-OF05LEM:~/hw11$ ./server 127.0.0.1 8080
Enter message to broadcast: hello
Broadcast message sent: hello
Enter message to broadcast: wow
Broadcast message sent: wow
Enter message to broadcast: wowowo
Broadcast message sent: wowowo
Enter message to broadcast:
```

## На 10 баллов:

```
psok712@DESKTOP-OF05LEM: ~/hw11
psok712@DESKTOP-OF05LEM:~/hw11$ gcc -o serverMulti serverMulti.c
psok712@DESKTOP-OF05LEM:~/hw11$ gcc -o clientMulti clientMulti.c
psok712@DESKTOP-OF05LEM:~/hw11$ ./serverMulti 239.0.0.1 8081
Enter message to multicast: hello
Multicast message sent: hello
Enter message to multicast: wow
Multicast message sent: wow
Enter message to multicast:

psok712@DESKTOP-OF05LEM: ~/hw11
psok712@DESKTOP-OF05LEM:~/hw11$ ./clientMulti 239.0.0.1 8081
Listening for multicast messages on 239.0.0.1:8081...
Received multicast message: hello
Received multicast message: wow
```