

```
Makefile:8: *** missing separator. Stop.
root@87d8d49ebcc8:~/os161/temperature-stabilization# cat > Makefile << 'EOF'
> .RECIPEPREFIX := >
> CC = gcc
> CFLAGS = -O2 -Wall -Wextra -pedantic
> LDFLAGS =
>
> all: server client
>
> server: server.c
> > $(CC) $(CFLAGS) -o server server.c $(LDFLAGS)
>
> client: client.c
> > $(CC) $(CFLAGS) -o client client.c $(LDFLAGS)
>
> clean:
> > rm -f server client
> EOF
root@87d8d49ebcc8:~/os161/temperature-stabilization# make clean
rm -f server client
root@87d8d49ebcc8:~/os161/temperature-stabilization# make
gcc -O2 -Wall -Wextra -pedantic -o server server.c
gcc -O2 -Wall -Wextra -pedantic -o client client.c
root@87d8d49ebcc8:~/os161/temperature-stabilization# cd /root/os161/temperature-stabilization
root@87d8d49ebcc8:~/os161/temperature-stabilization# ls -l          # you should see server, client, Makefile, *.c
total 56
-rw-r--r-- 1 root root   257 Oct 15 12:49 Makefile
-rwxr-xr-x 1 root root 17536 Oct 15 12:49 client
-rw-r--r-- 1 root root  3251 Oct 15 12:47 client.c
-rwxr-xr-x 1 root root 17616 Oct 15 12:49 server
-rw-r--r-- 1 root root  5454 Oct 15 12:47 server.c
root@87d8d49ebcc8:~/os161/temperature-stabilization# ./server 25.0
[SERVER] Listening on port 5000, initial central=25.000000
[SERVER] Client 1 connected (fd=10)
[SERVER] Received HELLO from ext #1 with temp=10.000000
[SERVER] Client 2 connected (fd=11)
[SERVER] Received HELLO from ext #2 with temp=30.000000
[SERVER] Client 3 connected (fd=12)
[SERVER] Received HELLO from ext #3 with temp=15.000000
[SERVER] Client 4 connected (fd=13)
[SERVER] Received HELLO from ext #4 with temp=45.000000
[SERVER] iter=1 central=25.000000 -> 25.000000      ext=[16.000000, 28.000000, 19.000000, 37.000000]
[SERVER] iter=2 central=25.000000 -> 25.000000      ext=[19.600000, 26.800000, 21.400000, 32.200000]
[SERVER] iter=3 central=25.000000 -> 25.000000      ext=[21.760000, 26.080000, 22.840000, 29.320000]
[SERVER] iter=4 central=25.000000 -> 25.000000      ext=[23.056000, 25.648000, 23.704000, 27.592000]
[SERVER] iter=5 central=25.000000 -> 25.000000      ext=[23.833600, 25.388800, 24.222400, 26.555200]
[SERVER] iter=6 central=25.000000 -> 25.000000      ext=[24.300160, 25.233280, 24.533440, 25.933120]
[SERVER] iter=7 central=25.000000 -> 25.000000      ext=[24.580096, 25.139968, 24.720064, 25.559872]
[SERVER] iter=8 central=25.000000 -> 25.000000      ext=[24.748058, 25.083981, 24.832038, 25.335923]
[SERVER] iter=9 central=25.000000 -> 25.000000      ext=[24.848835, 25.050388, 24.899223, 25.201554]
[SERVER] iter=10 central=25.000000 -> 25.000000     ext=[24.909301, 25.030233, 24.939534, 25.120932]
[SERVER] iter=11 central=25.000000 -> 25.000000     ext=[24.945580, 25.018140, 24.963720, 25.072559]
[SERVER] iter=12 central=25.000000 -> 25.000000     ext=[24.967348, 25.010884, 24.978232, 25.043536]
[SERVER] iter=13 central=25.000000 -> 25.000000     ext=[24.980409, 25.006530, 24.986939, 25.026121]
[SERVER] iter=14 central=25.000000 -> 25.000000     ext=[24.988245, 25.003918, 24.992164, 25.015673]
[SERVER] iter=15 central=25.000000 -> 25.000000     ext=[24.992947, 25.002351, 24.995298, 25.009404]
[SERVER] iter=16 central=25.000000 -> 25.000000     ext=[24.995768, 25.001411, 24.997179, 25.005642]
[SERVER] iter=17 central=25.000000 -> 25.000000     ext=[24.997461, 25.000846, 24.998307, 25.003385]
[SERVER] iter=18 central=25.000000 -> 25.000000     ext=[24.998477, 25.000508, 24.998984, 25.002031]
[SERVER] iter=19 central=25.000000 -> 25.000000     ext=[24.999086, 25.000305, 24.999391, 25.001219]
[SERVER] *** STABILIZED after 19 iterations ***
[SERVER] Final central=25.000000
[SERVER] Final ext[1]=24.999086
[SERVER] Final ext[2]=25.000305
[SERVER] Final ext[3]=24.999391
[SERVER] Final ext[4]=25.001219
root@87d8d49ebcc8:~/os161/temperature-stabilization#
```