

Προαιρετική εργασία στα Λειτουργικά Συστήματα (Νήματα)

```
giorg@G-VIVO: ~/Desktop/Programs/C++  
Function ended!  
  
The good thread let me run my process!  
Function ended!  
  
The bad thread took over, and now it's running.  
Function ended!  
  
The bad thread took over, and now it's running.  
Function ended!  
  
The bad thread took over, and now it's running.  
Function ended!  
  
The good thread let me run my process!  
Function ended!  
  
The good thread let me run my process!  
Function ended!  
  
The good thread let me run my process!  
Function ended!  
  
giorg@G-VIVO:~/Desktop/Programs/C++$  
  
giorg@G-VIVO: ~/Desktop/Programs/C++  
/ssssssshNNMMMyhhyyyhdNNMMNhssssss/ Icons: Yaru [GTK2/3]  
+sssssssdmydMMMMMMdddyssssss+ Terminal: gnome-terminal  
/ssssssssshdNNNNNNhNNMMhssss/ CPU: Intel i3-8145U (4) @ 3.90GHz  
.sssssssssssssssdNNMMyssso. GPU: Intel UHD Graphics 620  
-+ssssssssssssss+yyy+sss+- Memory: 1257MiB / 3788MiB  
!+ssssssssssssssss+!  
.-/+00ssssso0+/-.  
  
giorg@G-VIVO:~$ g++ -pthread leitourgika1.cpp -o leitourgika1.out  
g++: error: leitourgika1.cpp: No such file or directory  
g++: fatal error: no input files  
compilation terminated.  
giorg@G-VIVO:~$ cd Desktop/Programs/C++  
giorg@G-VIVO:~/Desktop/Programs/C++$ ps -l  
F S UID PID PPID C PRI NI ADDR SZ WCHAN TTY TIME CMD  
0 S 1000 4525 4349 0 80 0 - 2720 do_wai pts/2 00:00:00 bash  
0 R 1000 4694 4525 0 80 0 - 2852 - pts/2 00:00:00 ps  
giorg@G-VIVO:~/Desktop/Programs/C++$ ps -l  
F S UID PID PPID C PRI NI ADDR SZ WCHAN TTY TIME CMD  
0 S 1000 4525 4349 0 80 0 - 2720 do_wai pts/2 00:00:00 bash  
0 R 1000 4701 4525 0 80 0 - 2852 - pts/2 00:00:00 ps  
giorg@G-VIVO:~/Desktop/Programs/C++$
```

Δεξιά της εικόνας φαίνεται και η εκτέλεση της εντολής `-ps 1`, κατά τη διάρκεια της εκτέλεσης του προγράμματος.