```
snir@snir-Lenovo:~/Desktop/cpp$ ./basiccheck.sh ~/Desktop/cpp matala1.cpp

hello world!
hello world!
Compilation-PASS    Memory leaks-PASS    Thread race-PASS
snir@snir-Lenovo:~/Desktop/cpp$
snir@snir-Lenovo:~/Desktop/cpp$ ./basiccheck.sh ~/Desktop/cpp matala1NotCompile.cpp
matala1NotCompile.cpp:5:3: error: expected ';' after expression
33
   ^
   ;
matala1NotCompile.cpp:5:1: warning: expression result unused [-Wunused-value]
33
^~
1 warning and 1 error generated.
Compilation-FAIL    Memory leaks-FAIL    Thread race-FAIL    ERROR number-111
snir@snir-Lenovo:~/Desktop/cpp$ ./basiccheck.sh ~/Desktop/cpp matala1ValgrindError.cpp
hello world!
==2990== 400 bytes in 1 blocks are definitely lost in loss record 1 of 1
==2990==    at 0x4C2FB0F: malloc (in /usr/lib/valgrind/vgpreload_memcheck-amd64-linux.so)
==2990==    by 0x40087A: main (in /home/snir/Desktop/cpp/a.out)
==2990==
hello world!
Compilation-PASS    Memory leaks-FAIL    Thread race-PASS    ERROR number-010
snir@snir-Lenovo:~/Desktop/cpp$ ./basiccheck.sh ~/Desktop/cpp matala1threadRace.cpp -Wall -pthread
USAGE: lab0 <threads> <lock>

ARGUMENTS
  <threads>  Number of threads to start, positive integer
  <lock>     0 = Don't use any lock
             1 = Use OS-specific lock
             2 = Use x86 assembly lock

Try running `lab0 10 0' first, then increase to, e.g. `lab0 1000 0'
and run it many times to see various protection misses.  Then try
running with a lock, e.g. `lab0 1000 1` or `lab0 1000 2`.

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  <threads>  Number of threads to start, positive integer
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Compilation-PASS    Memory leaks-FAIL    Thread race-FAIL    ERROR number-011
snir@snir-Lenovo:~/Desktop/cpp$ []
```