

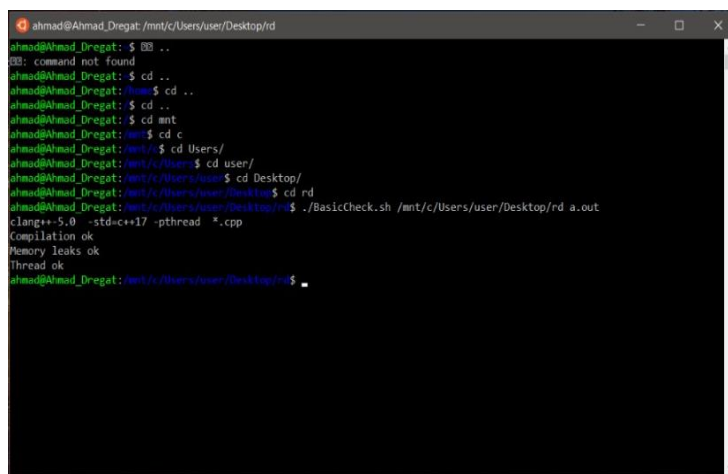
מטלה 1

Case 0:

Compilation: pass

Thread race: pass

Memory leak: pass



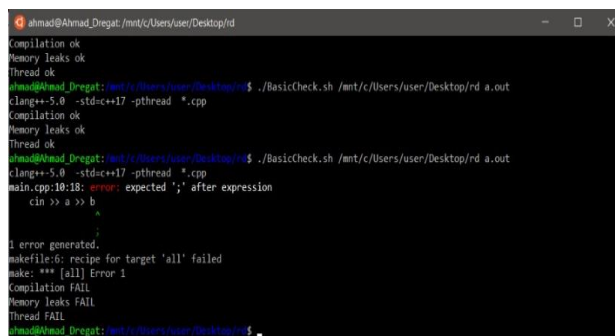
```
ahmad@Ahmad_Dregat: /mnt/c/Users/user/Desktop/rd
ahmad@Ahmad_Dregat: $ cd ..
ahmad@Ahmad_Dregat: $ cd ..
ahmad@Ahmad_Dregat: $ cd ..
ahmad@Ahmad_Dregat: $ cd ..
ahmad@Ahmad_Dregat: $ cd mnt
ahmad@Ahmad_Dregat: $ cd ..
ahmad@Ahmad_Dregat: $ cd Users/
ahmad@Ahmad_Dregat: $ cd user/
ahmad@Ahmad_Dregat: $ cd Desktop/
ahmad@Ahmad_Dregat: $ cd rd
ahmad@Ahmad_Dregat: $ ./BasicCheck.sh /mnt/c/Users/user/Desktop/rd a.out
clang++-5.0 -std=c++17 -pthread *.cpp
Compilation ok
Memory leaks ok
Thread ok
ahmad@Ahmad_Dregat: /mnt/c/Users/user/Desktop/rd $
```

Case1:

Compilation: failed

Thread race: failed

Memory leak: failed



```
ahmad@Ahmad_Dregat: /mnt/c/Users/user/Desktop/rd
Compilation ok
Memory leaks ok
Thread ok
ahmad@Ahmad_Dregat: /mnt/c/Users/user/Desktop/rd $ ./BasicCheck.sh /mnt/c/Users/user/Desktop/rd a.out
clang++-5.0 -std=c++17 -pthread *.cpp
Compilation ok
Memory leaks ok
Thread ok
ahmad@Ahmad_Dregat: /mnt/c/Users/user/Desktop/rd $ ./BasicCheck.sh /mnt/c/Users/user/Desktop/rd a.out
clang++-5.0 -std=c++17 -pthread *.cpp
main.cpp:10:18: error: expected ';' after expression
    cin >> a >> b
                  ^
1 error generated.
makefile:6: recipe for target 'all' failed
make: *** [all] Error 1
Compilation FAIL
Memory leaks FAIL
Thread FAIL
ahmad@Ahmad_Dregat: /mnt/c/Users/user/Desktop/rd $
```

Case 2:

Compilation: pass

Thread race: pass

Memory leak: failed

```
ahmad@Ahmad_Dregat:/mnt/c/Users/user/Desktop/rd$ ./BasicCheck.sh /mnt/c/Users/user/Desktop/rd a.out
clang++-5.0 -std=c++17 -pthread *.cpp
Compilation ok
Memory leaks FAIL
Thread ok
ahmad@Ahmad_Dregat:/mnt/c/Users/user/Desktop/rd$
```

Case 3:

Compilation: pass

Thread race: failed

Memory leak: pass

```
ahmad@Ahmad_Dregat:/mnt/c/Users/user/Desktop/rd$ ./BasicCheck.sh /mnt/c/Users/user/Desktop/rd a.out
clang++-5.0 -std=c++17 -pthread *.cpp
Compilation ok
Memory leaks ok
Thread FAIL
ahmad@Ahmad_Dregat:/mnt/c/Users/user/Desktop/rd$
```