

File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help Search Scheduler

Process: [4636] SchedulerTest00.exe Lifecycle Events Thread: [9024] SchedulerTest00.exe\bootstr Stack Frame: dispatcher

Scheduler.c Scheduler (Global Scope)

950

D:\THREADS-Scheduler Starter Project2\THREADS-Scheduler\bin\SchedulerTest00.exe

```
spawn(): creating process watchdog
k_spawn(): process watchdog (pid 1) created with priority 0 and stack size 8192
spawn(): creating process Scheduler
k_spawn(): process Scheduler (pid 2) created with priority 5 and stack size 16384
dispatcher(): switching to process Scheduler (pid 2)
launch(): started: Scheduler

SchedulerTest00: started
spawn(): creating process SchedulerTest00-Child1
k_spawn(): process SchedulerTest00-Child1 (pid 3) created with priority 3 and stack size 8192
SchedulerTest00: after spawn of child with pid 3
SchedulerTest00: waiting for child process
dispatcher(): switching to process SchedulerTest00-Child1 (pid 3)
launch(): started: SchedulerTest00-Child1
SchedulerTest00-Child1: started
SchedulerTest00-Child1: quitting
```

100 % Autos Search (Ctrl+E) Name

Solution Explorer Git Changes

CPU Usage

Performance)

d11'.



```
snprintf(nameBuffer, sizeof(nameBuffer), "%s-Child1", testName);
pid1 = k_spawn(nameBuffer, SignalAndJoinTwoLower, nameBuffer, THREADS_MIN_STACK_SIZE, 3);
console_output(FATAL, "Error: spawn of child with pid %d\n", testName, pid1);

display.spawn(): creating process watchdog
k_spawn(): process watchdog (pid 1) created with priority 0 and stack size 8192
/* Wait spawn(): creating process Scheduler
console.k_spawn(): process Scheduler (pid 2) created with priority 5 and stack size 16384
kdisp dispatcher(): switching to process Scheduler (pid 2)
console dispatcher(): switching to process watchdog (pid 1)
dispatcher(): switching to process Scheduler (pid 2)
k_exit(launch(): started: Scheduler

return SchedulerTest29: started
spawn(): creating process SchedulerTest29-Child1
k_spawn(): process SchedulerTest29-Child1 (pid 3) created with priority 3 and stack size 8192
SchedulerTest29: after spawn of child with pid 3
```

Diagnostics session: 17 seconds

10s

20s

D:\THREADS-Scheduler Starter Project\THREADS-Scheduler\bin\SchedulerTest29.exe

No issue

Call Stack Breakpoints Exception Settings Command Window Immediate Window Output Error List

0 0/0 99+ master THREADS-Scheduler

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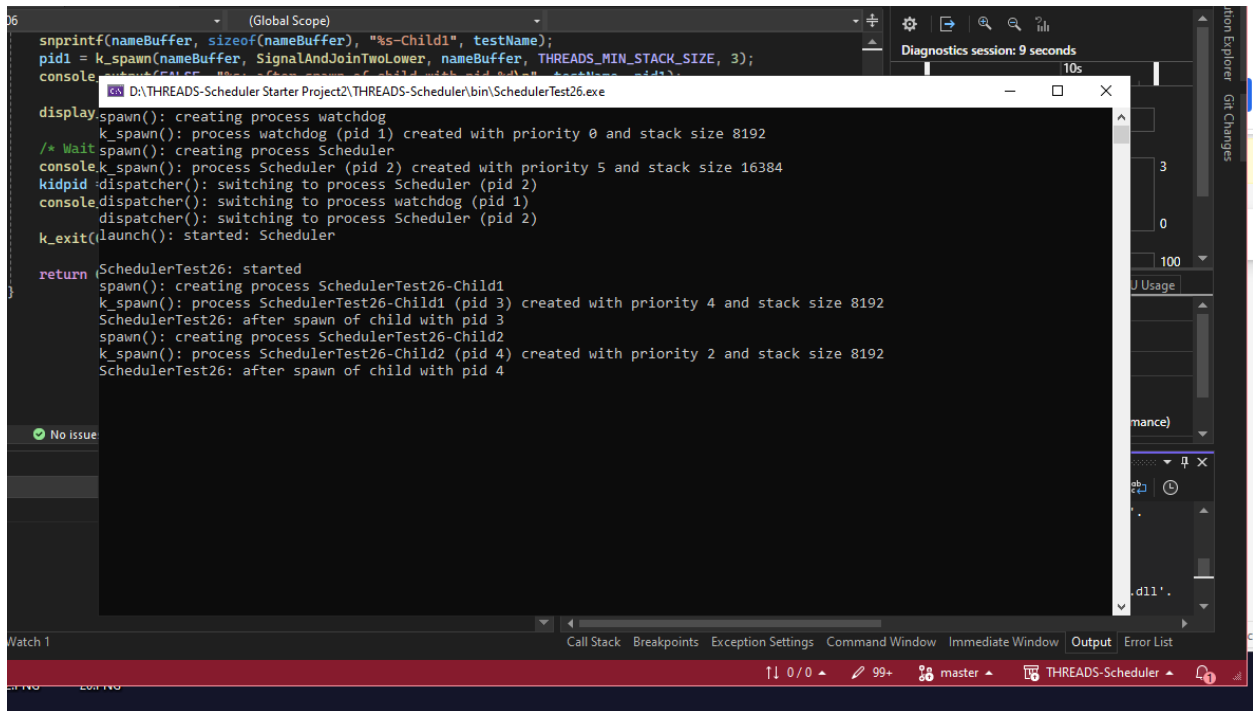
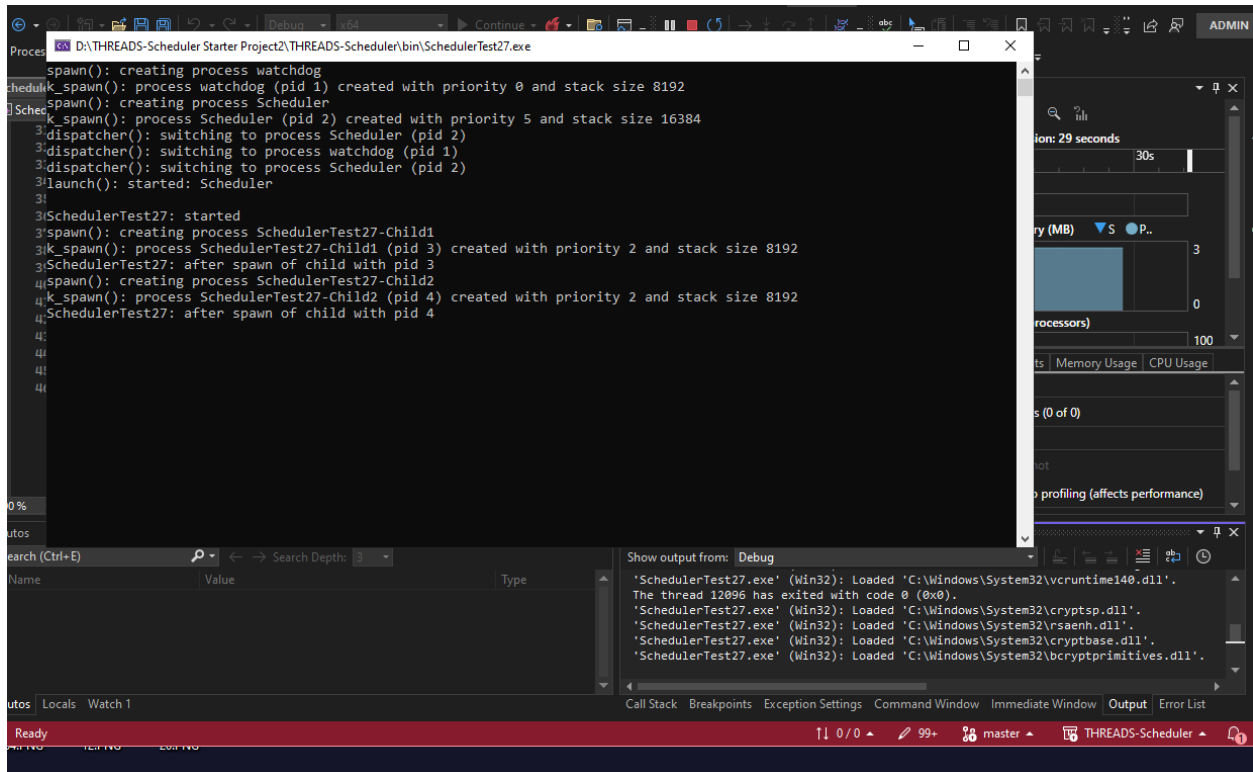
spawn(): creating process watchdog
k_spawn(): process watchdog (pid 1) created with priority 0 and stack size 8192
spawn(): creating process Scheduler
k_spawn(): process Scheduler (pid 2) created with priority 5 and stack size 16384
dispatcher(): switching to process Scheduler (pid 2)
dispatcher(): switching to process watchdog (pid 1)
dispatcher(): switching to process Scheduler (pid 2)
launch(): started: Scheduler

SchedulerTest28: started
spawn(): creating process SchedulerTest28-Child1
k_spawn(): process SchedulerTest28-Child1 (pid 3) created with priority 4 and stack size 8192
SchedulerTest28: after spawn of child with pid 3
spawn(): creating process SchedulerTest28-Child2
k_spawn(): process SchedulerTest28-Child2 (pid 4) created with priority 3 and stack size 8192
SchedulerTest28: after spawn of child with pid 4
dispatcher(): switching to process SchedulerTest28-Child1 (pid 3)
dispatcher(): switching to process Scheduler (pid 2)
```

SchedulerTest28.exe (Win32): Loaded 'C:\Windows\System32\cryptbase.dll'.
SchedulerTest28.exe (Win32): Loaded 'C:\Windows\System32\bcryptprimitives.dll'.

Locals Watch 1

Call Stack Breakpoints Exception Settings Command Window Immediate Window Output Error List



```

D:\THREADS-Scheduler Starter Project2\THREADS-Scheduler\bin\SchedulerTest25.exe
spawn(): creating process watchdog
k_spawn(): process watchdog (pid 1) created with priority 0 and stack size 8192
spawn(): creating process Scheduler
k_spawn(): process Scheduler (pid 2) created with priority 5 and stack size 16384
dispatcher(): switching to process Scheduler (pid 2)
dispatcher(): switching to process watchdog (pid 1)
dispatcher(): switching to process Scheduler (pid 2)
launch(): started: Scheduler

SchedulerTest25: started
spawn(): creating process P1-Child1
k_spawn(): process P1-Child1 (pid 3) created with priority 3 and stack size 8192
SchedulerTest25: after spawn of child with pid 3

```

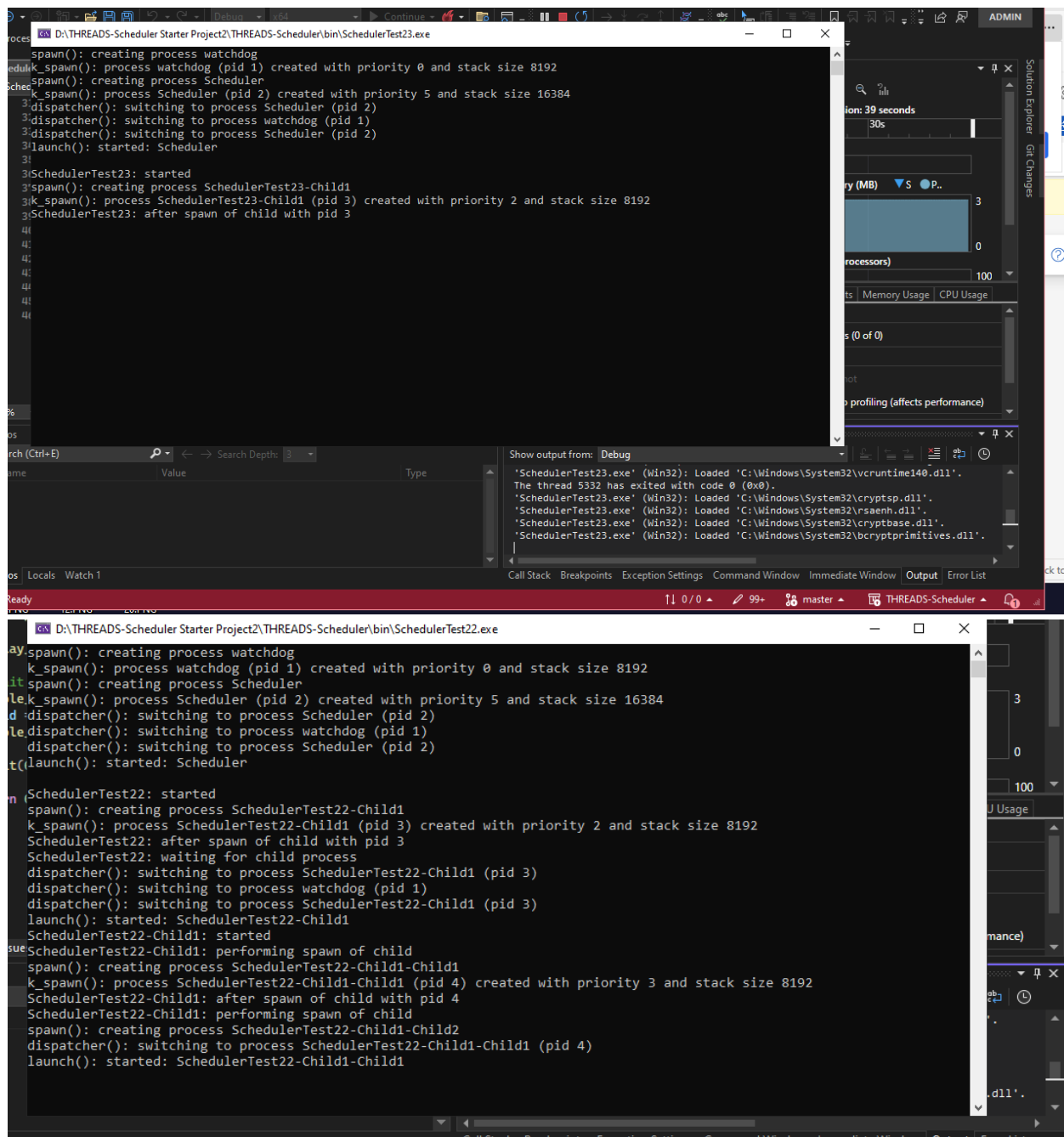
```

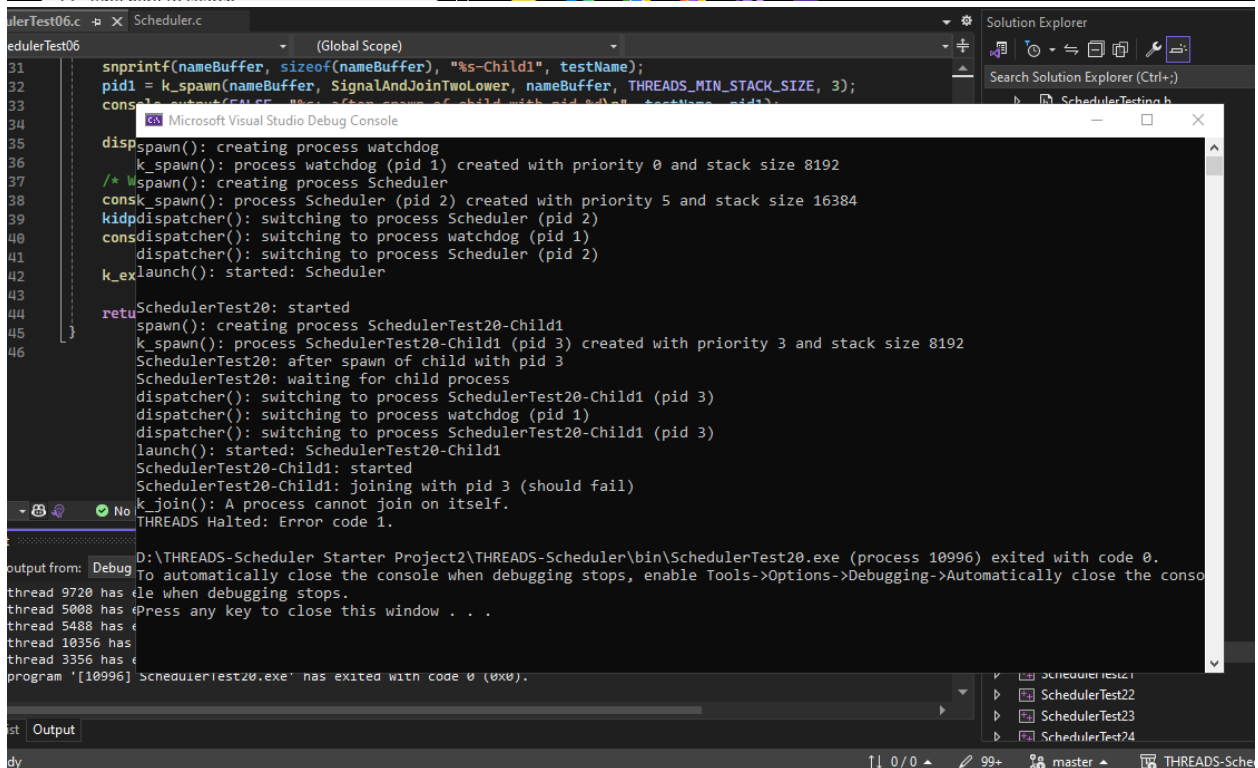
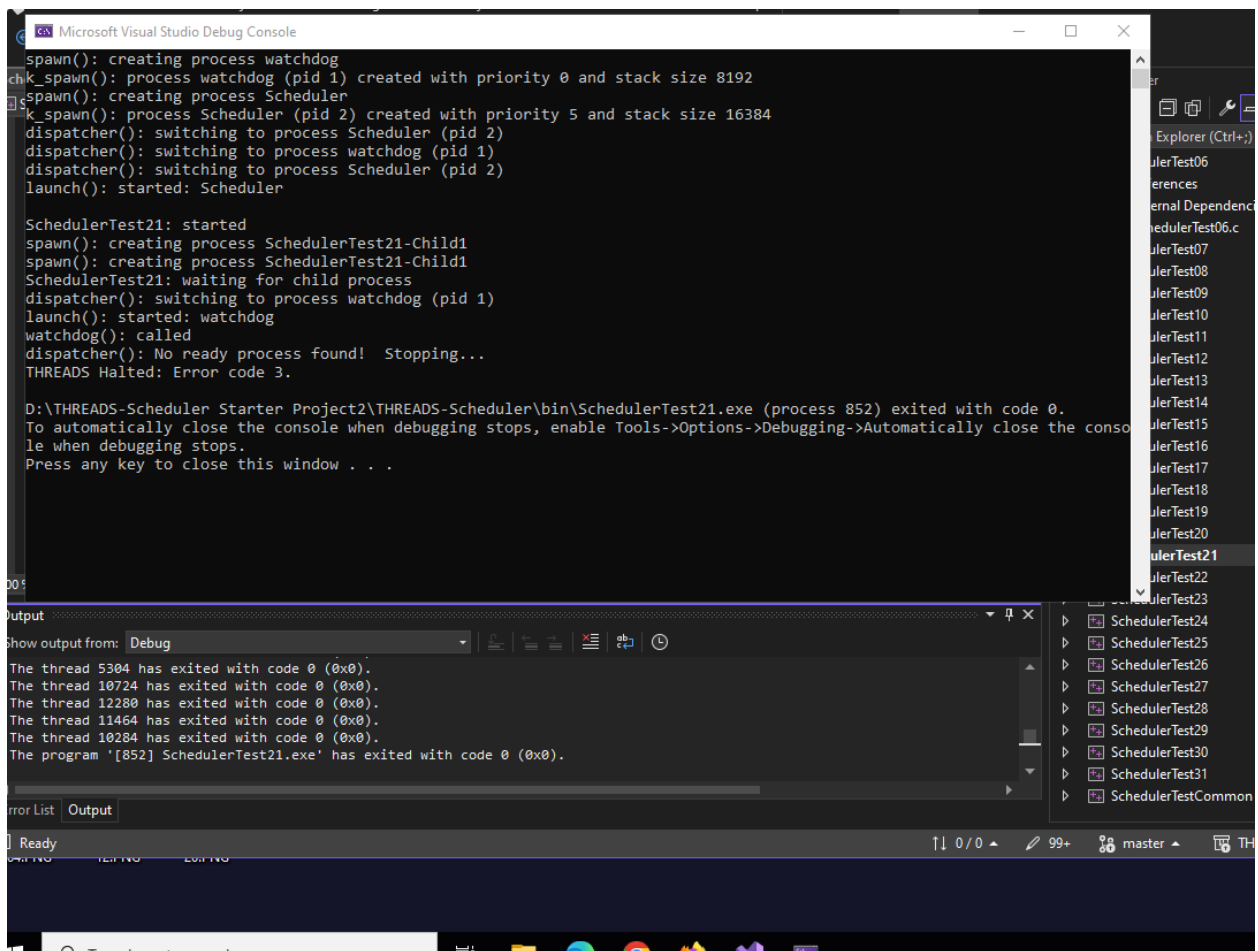
D:\THREADS-Scheduler Starter Project2\THREADS-Scheduler\bin\SchedulerTest24.exe
spawn(): creating process watchdog
k_spawn(): process watchdog (pid 1) created with priority 0 and stack size 8192
spawn(): creating process Scheduler
k_spawn(): process Scheduler (pid 2) created with priority 5 and stack size 16384
dispatcher(): switching to process Scheduler (pid 2)
dispatcher(): switching to process watchdog (pid 1)
dispatcher(): switching to process Scheduler (pid 2)
launch(): started: Scheduler

SchedulerTest24: started
spawn(): creating process SchedulerTest24-Child1
k_spawn(): process SchedulerTest24-Child1 (pid 3) created with priority 2 and stack size 8192

```

'SchedulerTest24.exe' (Win32): Loaded 'C:\Windows\System32\cryptbase.dll'.  
'SchedulerTest24.exe' (Win32): Loaded 'C:\Windows\System32\bcryptprimitives.dll'.  
The thread 5848 has exited with code 0 (0x0).  
The thread 9956 has exited with code 0 (0x0).





```
Scheduler.c
(Global Scope)
D:\THREADS-Scheduler Starter Project2\THREADS-Scheduler\bin\SchedulerTest19.exe
spawn(): creating process watchdog
k_spawn(): process watchdog (pid 1) created with priority 0 and stack size 8192
spawn(): creating process Scheduler
k_spawn(): process Scheduler (pid 2) created with priority 5 and stack size 16384
dispatcher(): switching to process watchdog (pid 1)
dispatcher(): switching to process Scheduler (pid 2)
dispatcher(): switching to process watchdog (pid 1)
dispatcher(): switching to process Scheduler (pid 2)
launch(): started: Scheduler

SchedulerTest19: started
spawn(): creating process SchedulerTest19-Child1
k_spawn(): process SchedulerTest19-Child1 (pid 3) created with priority 3 and stack size 8192
spawn(): creating process SchedulerTest19-Child2
k_spawn(): process SchedulerTest19-Child2 (pid 4) created with priority 3 and stack size 8192
spawn(): creating process SchedulerTest19-Child3
k_spawn(): process SchedulerTest19-Child3 (pid 5) created with priority 3 and stack size 8192
```

```
Microsoft Visual Studio Debug Console
Debug x64 Local Windows Debugger
spawn(): creating process watchdog
k_spawn(): process watchdog (pid 1) created with priority 0 and stack size 8192
spawn(): creating process Scheduler
k_spawn(): process Scheduler (pid 2) created with priority 5 and stack size 16384
dispatcher(): switching to process Scheduler (pid 2)
dispatcher(): switching to process watchdog (pid 1)
dispatcher(): switching to process Scheduler (pid 2)
launch(): started: Scheduler

SchedulerTest18: started
spawn(): creating process SchedulerTest18-Child1
spawn(): Stack size is too small. Halting...
THREADS Halted: Error code 1.
D:\THREADS-Scheduler Starter Project2\THREADS-Scheduler\bin\SchedulerTest18.exe (process 5156) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .

The thread 8636 has exited with code 0 (0x0).
The thread 11692 has exited with code 0 (0x0).
The thread 10308 has exited with code 0 (0x0).
The thread 10072 has exited with code 0 (0x0).
The thread 4992 has exited with code 0 (0x0).
The program '[5156] SchedulerTest18.exe' has exited with code 0 (0x0).

Error List Output
```



```
D:\THREADS-Scheduler Starter Project2\THREADS-Scheduler\bin\SchedulerTest17.exe
spawn(): creating process watchdog
k_spawn(): process watchdog (pid 1) created with priority 0 and stack size 8192
spawn(): creating process Scheduler
k_spawn(): process Scheduler (pid 2) created with priority 5 and stack size 16384
dispatcher(): switching to process Scheduler (pid 2)
dispatcher(): switching to process watchdog (pid 1)
dispatcher(): switching to process Scheduler (pid 2)
launch(): started: Scheduler

SchedulerTest17: started
SchedulerTest17: performing spawn of child
spawn(): creating process SchedulerTest17-Child1
k_spawn(): process SchedulerTest17-Child1 (pid 3) created with priority 2 and stack size 8192
SchedulerTest17: performing spawn of child
spawn(): creating process SchedulerTest17-Child2
k_spawn(): process SchedulerTest17-Child2 (pid 4) created with priority 3 and stack size 8192
SchedulerTest17: after spawn of child with pid 4

D:\THREADS-Scheduler Starter Project2\THREADS-Scheduler\bin\SchedulerTest16.exe
spawn(): creating process watchdog
k_spawn(): process watchdog (pid 1) created with priority 0 and stack size 8192
spawn(): creating process Scheduler
k_spawn(): process Scheduler (pid 2) created with priority 5 and stack size 16384
dispatcher(): switching to process Scheduler (pid 2)
dispatcher(): switching to process watchdog (pid 1)
dispatcher(): switching to process Scheduler (pid 2)
launch(): started: Scheduler

SchedulerTest16: started
SchedulerTest16: performing spawn of child
spawn(): creating process SchedulerTest16-Child1
k_spawn(): process SchedulerTest16-Child1 (pid 3) created with priority 3 and stack size 8192
SchedulerTest16: after spawn of child with pid 3
SchedulerTest16: performing spawn of child
spawn(): creating process SchedulerTest16-Child2
k_spawn(): process SchedulerTest16-Child2 (pid 4) created with priority 3 and stack size 8192
```

Output

Show output from: Debug

'SchedulerTest17.exe' (Win32): Loaded 'C:\Windows\System32\vcruntime140.dll'.  
The thread 11996 has exited with code 0 (0x0).

Scheduler.c

(Global Scope)

nprintf(nameBuffer, sizeof(nameBuffer), "%s-Child1", testName);

id1

ons

isp

ons

idp

ons

launch(): started: Scheduler

\_exSchedulerTest16: started

etuspawn(): creating process SchedulerTest16-Child1

k\_spawn(): process SchedulerTest16-Child1 (pid 3) created with priority 3 and stack size 8192

SchedulerTest16: after spawn of child with pid 3

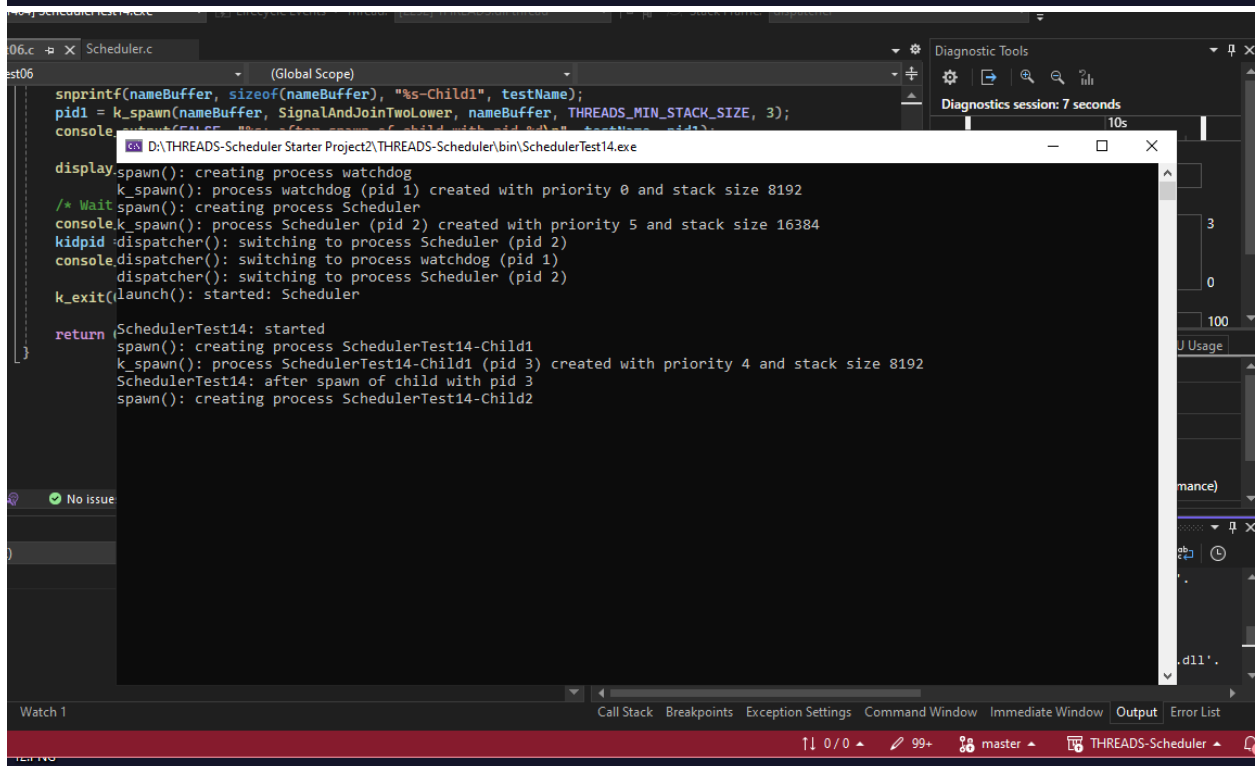
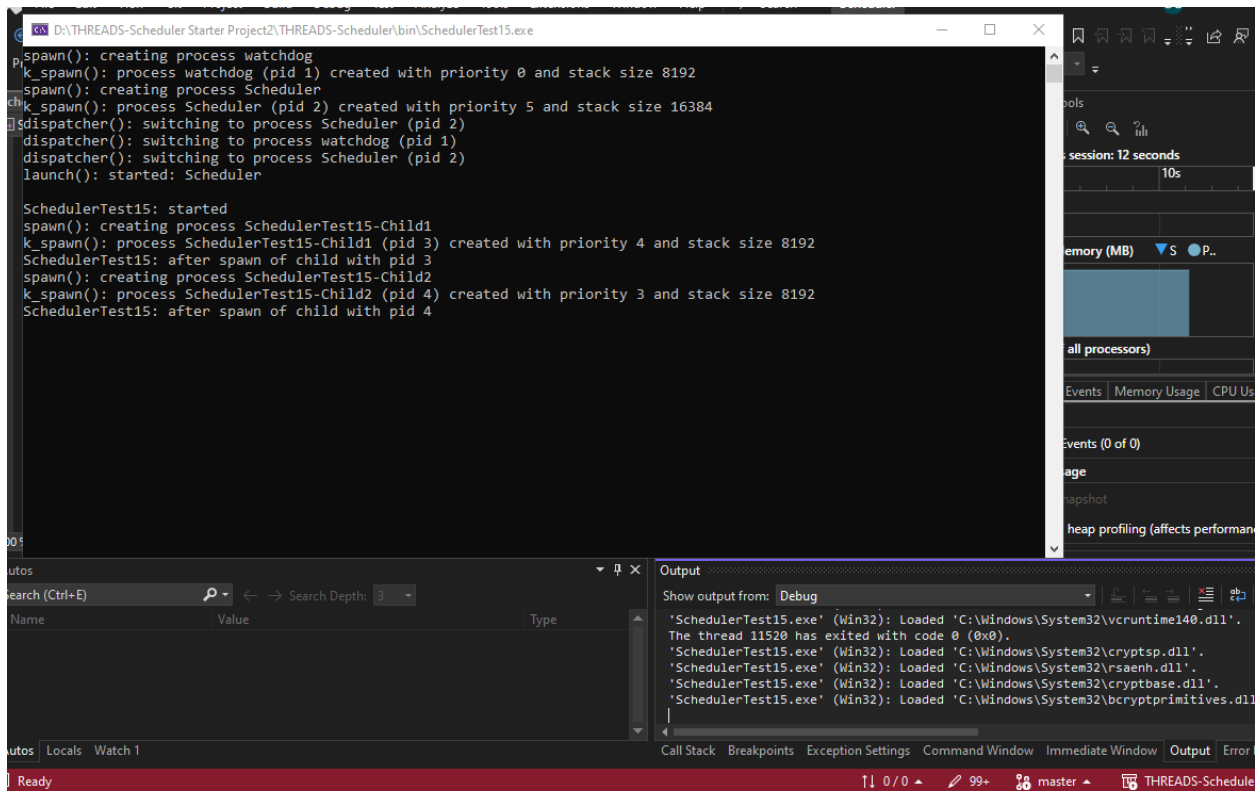
SchedulerTest16: performing spawn of child

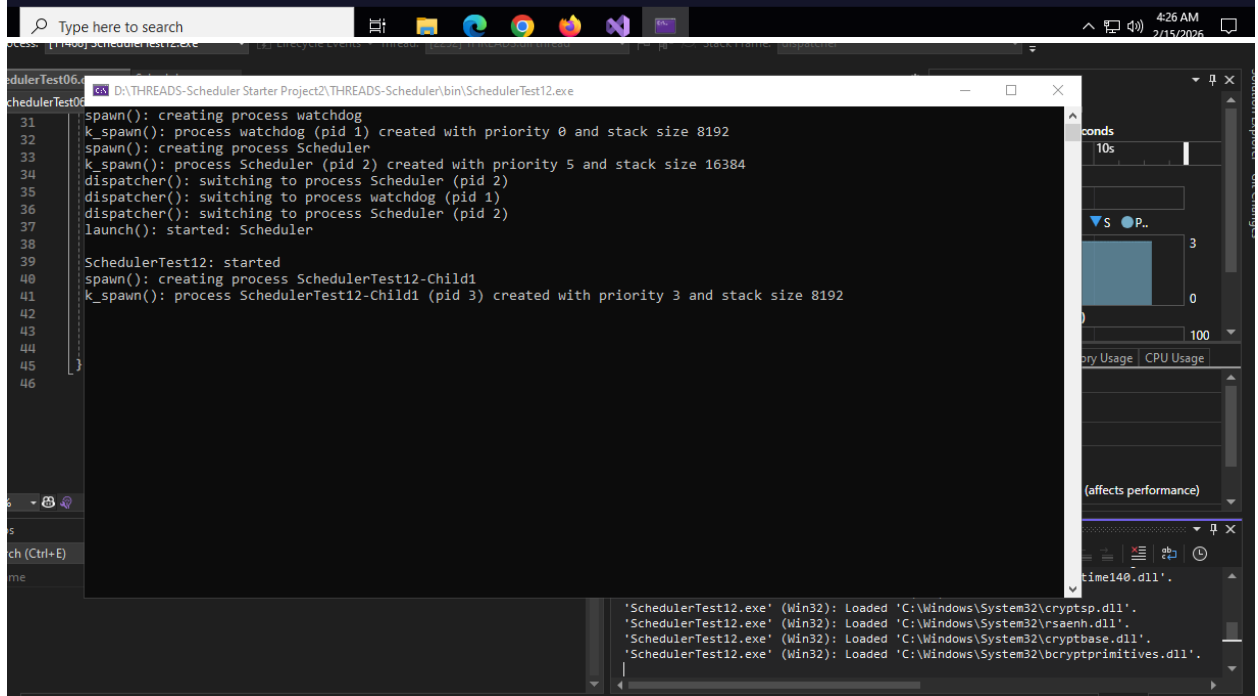
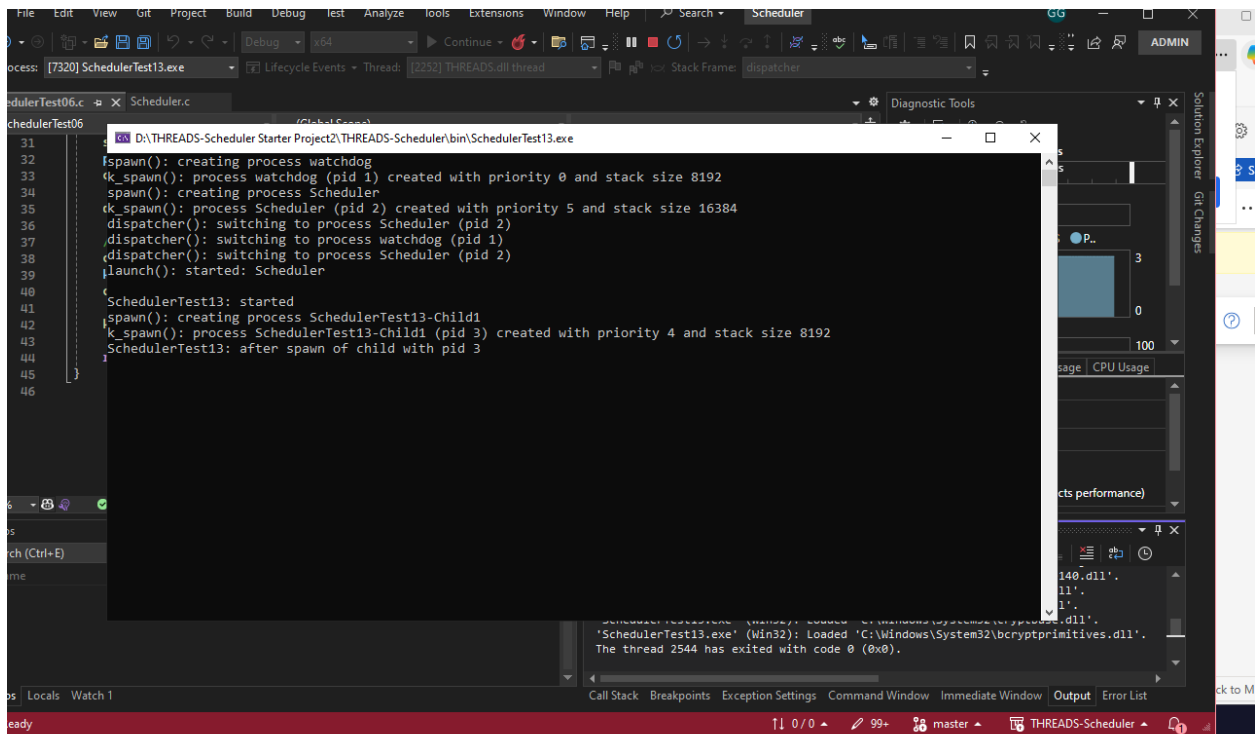
spawn(): creating process SchedulerTest16-Child2

k\_spawn(): process SchedulerTest16-Child2 (pid 4) created with priority 3 and stack size 8192

No

'SchedulerTest16.exe' (Win32): Loaded 'C:\Windows\System32\bcryptprimitives.dll'.





File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help

Process: [8128] SchedulerTest11.exe Lifecycle Events Thread: [2252] THREADS.dll thread Stack Frame: dispatcher

SchedulerTest06: D:\THREADS-Scheduler Starter Project\THREADS-Scheduler\bin\SchedulerTest11.exe

```
31 spawn(): creating process watchdog
32 k_spawn(): process watchdog (pid 1) created with priority 0 and stack size 8192
33 spawn(): creating process Scheduler
34 k_spawn(): process Scheduler (pid 2) created with priority 5 and stack size 16384
35 dispatcher(): switching to process Scheduler (pid 2)
36 dispatcher(): switching to process watchdog (pid 1)
37 dispatcher(): switching to process Scheduler (pid 2)
38 launch(): started: Scheduler
39
40 SchedulerTest11: started
41 spawn(): creating process SchedulerTest11-Child1
42 spawn(): Kernel mode is required.
43 SchedulerTest11: after spawn of child with pid -1
44 SchedulerTest11: waiting for child process
45 dispatcher(): switching to process watchdog (pid 1)
46 launch(): started: watchdog
```

00% Autos Search (Ctrl+E) Name

'SchedulerTest11.exe' (Win32): Loaded 'C:\Windows\System32\cryptsp.dll'.  
'SchedulerTest11.exe' (Win32): Loaded 'C:\Windows\System32\rsaenh.dll'.  
'SchedulerTest11.exe' (Win32): Loaded 'C:\Windows\System32\cryptbase.dll'.

ess: [2268] SchedulerTest10.exe Lifecycle Events Thread: [2252] THREADS.dll thread Stack Frame: dispatcher

SchedulerTest06: D:\THREADS-Scheduler Starter Project\THREADS-Scheduler\bin\SchedulerTest10.exe

```
31 spawn(): creating process watchdog
32 k_spawn(): process watchdog (pid 1) created with priority 0 and stack size 8192
33 spawn(): creating process Scheduler
34 k_spawn(): process Scheduler (pid 2) created with priority 5 and stack size 16384
35 dispatcher(): switching to process Scheduler (pid 2)
36 dispatcher(): switching to process watchdog (pid 1)
37 dispatcher(): switching to process Scheduler (pid 2)
38 dispatcher(): switching to process watchdog (pid 1)
39 dispatcher(): switching to process Scheduler (pid 2)
40 launch(): started: Scheduler
41
42 SchedulerTest10: started
43 spawn(): creating process SchedulerTest10-Child1
44 k_spawn(): process SchedulerTest10-Child1 (pid 3) created with priority 3 and stack size 8192
45 SchedulerTest10: after spawn of child with pid 3
46 SchedulerTest10: waiting for child process
47 dispatcher(): switching to process SchedulerTest10-Child1 (pid 3)
```

Locals Watch 1

Call Stack Breakpoints Exception Settings Command Window Immediate Window Output Error List

'SchedulerTest10.exe' (Win32): Loaded 'C:\Windows\System32\cryptsp.dll'.  
'SchedulerTest10.exe' (Win32): Loaded 'C:\Windows\System32\rsaenh.dll'.  
'SchedulerTest10.exe' (Win32): Loaded 'C:\Windows\System32\cryptbase.dll'.  
'SchedulerTest10.exe' (Win32): Loaded 'C:\Windows\System32\bcryptprimitives.dll'.

```
D:\THREADS-Scheduler Starter Project2\THREADS-Scheduler\bin\SchedulerTest09.exe

spawn(): creating process watchdog
spawn(): process watchdog (pid 1) created with priority 0 and stack size 8192
spawn(): creating process Scheduler
spawn(): process Scheduler (pid 2) created with priority 5 and stack size 16384
dispatcher(): switching to process Scheduler (pid 2)
dispatcher(): switching to process watchdog (pid 1)
dispatcher(): switching to process Scheduler (pid 2)
dispatcher(): switching to process watchdog (pid 1)
dispatcher(): switching to process Scheduler (pid 2)
launch(): started: Scheduler

SchedulerTest09: started
spawn(): creating process SchedulerTest09-Child1
spawn(): process SchedulerTest09-Child1 (pid 3) created with priority 3 and stack size 8192
SchedulerTest09: after spawn of child with pid 3
exit(): Process 2 has 1 children. Cannot exit until all children have exited.
THREADS Halted: Error code 1.
```

Value      Type

Show output from: Debug

```
The thread 8932 has exited with code 0 (0x0).
The thread 11368 has exited with code 0 (0x0).
The thread 6864 has exited with code 0 (0x0).
The thread 11828 has exited with code 0 (0x0).
The thread 11540 has exited with code 0 (0x0).
The thread 8764 has exited with code 0 (0x0).
```

```
D:\THREADS-Scheduler Starter Project2\THREADS-Scheduler\bin\SchedulerTest08.exe

spawn(): creating process Scheduler
k_spawn(): process Scheduler (pid 2) created with priority 5 and stack size 16384
dispatcher(): switching to process Scheduler (pid 2)
dispatcher(): switching to process watchdog (pid 1)
dispatcher(): switching to process Scheduler (pid 2)
launch(): started: Scheduler

SchedulerTest08: started
spawn(): creating process SchedulerTest08-Child1
k_spawn(): process SchedulerTest08-Child1 (pid 3) created with priority 3 and stack size 8192
SchedulerTest08: after spawn of child with pid 3
SchedulerTest08: waiting for child process
dispatcher(): switching to process SchedulerTest08-Child1 (pid 3)
dispatcher(): switching to process watchdog (pid 1)
dispatcher(): switching to process SchedulerTest08-Child1 (pid 3)
launch(): started: SchedulerTest08-Child1
SchedulerTest08-Child1: started
SchedulerTest08-Child1: performing spawn of first child
spawn(): creating process SchedulerTest08-Child1-Child1
k_spawn(): process SchedulerTest08-Child1-Child1 (pid 4) created with priority 2 and stack size 8192
SchedulerTest08-Child1: spawn of first child returned pid = 4
dispatcher(): switching to process SchedulerTest08-Child1-Child1 (pid 4)
dispatcher(): switching to process SchedulerTest08-Child1 (pid 3)
SchedulerTest08-Child1: performing spawn of second child
spawn(): creating process SchedulerTest08-Child1-Child2
k_spawn(): process SchedulerTest08-Child1-Child2 (pid 5) created with priority 2 and stack size 8192
SchedulerTest08-Child1: spawn of second child returned pid = 5
SchedulerTest08-Child1: performing first wait
dispatcher(): switching to process SchedulerTest08-Child1-Child1 (pid 4)
```

Value      Type

Show output from: Debug

```
'SchedulerTest08.exe' (Win32): Loaded 'C:\Windows\System32\vruntime140.dll'.
The thread 11272 has exited with code 0 (0x0).
'SchedulerTest08.exe' (Win32): Loaded 'C:\Windows\System32\cryptsp.dll'.
'SchedulerTest08.exe' (Win32): Loaded 'C:\Windows\System32\rsaenh.dll'.
'SchedulerTest08.exe' (Win32): Loaded 'C:\Windows\System32\cryptbase.dll'.
'SchedulerTest08.exe' (Win32): Loaded 'C:\Windows\System32\bcryptprimitives.dll'.
```

Locals    Watch 1

Call Stack    Breakpoints    Exception Settings    Command Window    Immediate Window    Output    Error List

11 0/0    99+    master    THREADS-Scheduler

Type here to search

4:20 AM  
2/15/2026

Visual Studio IDE showing the execution of a multi-threaded application. The main window displays the source code for `SchedulerTest07.c` and the `Test06` function. A diagnostic window titled "D:\THREADS-Scheduler Starter Project2\THREADS-Scheduler\bin\SchedulerTest07.exe" shows the execution flow, including the creation of a watchdog process (pid 1) and a scheduler process (pid 2). The `Output` window at the bottom shows the loaded DLLs for the application.

```
Test06.c Scheduler.c
HerTest06
    snprintf(nameBuffer, sizeof(nameBuffer), "%s-Child1", testName);
    pid1 = k_spawn(nameBuffer, SignalAndJoinTwoLower, nameBuffer, THREADS_MIN_STACK_SIZE, 3);
    console_launch(pid1, "process SchedulerTest06-Child1 (pid %d) %s", pid1, testName);

    display_spawn(): creating process watchdog
    k_spawn(): process watchdog (pid 1) created with priority 0 and stack size 8192
    /* Wait spawn(): creating process Scheduler
    console_k_spawn(): process Scheduler (pid 2) created with priority 5 and stack size 16384
    kidpid_dispatcher(): switching to process Scheduler (pid 2)
    console_launch(): started: Scheduler

    k_exit(SchedulerTest07: started
    spawn(): creating process SchedulerTest07-Child1
    return
```

D:\THREADS-Scheduler Starter Project2\THREADS-Scheduler\bin\SchedulerTest06.exe

```
spawn(): creating process watchdog
hulk_spawn(): process watchdog (pid 1) created with priority 0 and stack size 8192
spawn(): creating process Scheduler
k_spawn(): process Scheduler (pid 2) created with priority 5 and stack size 16384
67dispatcher(): switching to process Scheduler (pid 2)
67dispatcher(): switching to process watchdog (pid 1)
67dispatcher(): switching to process Scheduler (pid 2)
67launch(): started: Scheduler

67SchedulerTest06: started
67spawn(): creating process SchedulerTest06-Child1
67k_spawn(): process SchedulerTest06-Child1 (pid 3) created with priority 3 and stack size 8192
68SchedulerTest06: after spawn of child with pid 3
68PID Parent Priority Status #KIDS CPUTime Name
68:1 -1 0 READY 0 3558 watchdog
68:2 -1 5 RUNNING 1 2818 Scheduler
68:3 2 3 READY 0 0 SchedulerTest06-Child1
68
68
68
68
69
69
69
69
```

Output

```
'SchedulerTest06.exe' (Win32): Loaded 'C:\Windows\System32\vruntime140.dll'.
'SchedulerTest06.exe' (Win32): Loaded 'C:\Windows\System32\cryptsp.dll'.
'SchedulerTest06.exe' (Win32): Loaded 'C:\Windows\System32\rsaenh.dll'.
The thread 5800 has exited with code 0 (0x0).
'SchedulerTest06.exe' (Win32): Loaded 'C:\Windows\System32\cryptbase.dll'.
'SchedulerTest06.exe' (Win32): Loaded 'C:\Windows\System32\bcryptprimitives.dll'.
```



```
D:\THREADS-Scheduler Starter Project2\THREADS-Scheduler\bin\SchedulerTest04.exe
spawn(): creating process watchdog
k_spawn(): process watchdog (pid 1) created with priority 0 and stack size 8192
spawn(): creating process Scheduler
k_spawn(): process Scheduler (pid 2) created with priority 5 and stack size 16384
dispatcher(): switching to process Scheduler (pid 2)
dispatcher(): switching to process watchdog (pid 1)
dispatcher(): switching to process Scheduler (pid 2)
launch(): started: Scheduler

SchedulerTest04: started
spawn(): creating process SchedulerTest04-Child1
k_spawn(): process SchedulerTest04-Child1 (pid 3) created with priority 3 and stack size 8192
SchedulerTest04: after spawn of child 3
spawn(): creating process SchedulerTest04-Child2
k_spawn(): process SchedulerTest04-Child2 (pid 4) created with priority 3 and stack size 8192
SchedulerTest04: after spawn of child 4
spawn(): creating process SchedulerTest04-Child3

'SchedulerTest04.exe' (Win32): Loaded 'C:\Windows\System32\cryptsp.dll'.
'SchedulerTest04.exe' (Win32): Loaded 'C:\Windows\System32\rsaenh.dll'.
'SchedulerTest04.exe' (Win32): Loaded 'C:\Windows\System32\cryptbase.dll'.
'SchedulerTest04.exe' (Win32): Loaded 'C:\Windows\System32\bcryptprimitives.dll'.

Watch 1
Call Stack Breakpoints Exception Settings Command Window Immediate Window Output Error List
```

```
D:\THREADS-Scheduler Starter Project2\THREADS-Scheduler\bin\SchedulerTest03.exe
k_spawn(): process watchdog (pid 1) created with priority 0 and stack size 8192
spawn(): creating process Scheduler
k_spawn(): process Scheduler (pid 2) created with priority 5 and stack size 16384
dispatcher(): switching to process Scheduler (pid 2)
dispatcher(): switching to process watchdog (pid 1)
dispatcher(): switching to process Scheduler (pid 2)
launch(): started: Scheduler

SchedulerTest03: started
spawn(): creating process SchedulerTest03-Child1
k_spawn(): process SchedulerTest03-Child1 (pid 3) created with priority 1 and stack size 8192
SchedulerTest03: signaling first child
k_kill(): No process with pid 3 found.
dispatcher(): switching to process SchedulerTest03-Child1 (pid 3)
dispatcher(): switching to process watchdog (pid 1)
dispatcher(): switching to process SchedulerTest03-Child1 (pid 3)
launch(): started: SchedulerTest03-Child1
SchedulerTest03-Child1: started
dispatcher(): switching to process watchdog (pid 1)
launch(): started: watchdog
watchdog(): called
dispatcher(): switching to process SchedulerTest03-Child1 (pid 3)
dispatcher(): switching to process watchdog (pid 1)
dispatcher(): switching to process SchedulerTest03-Child1 (pid 3)
dispatcher(): switching to process watchdog (pid 1)
dispatcher(): switching to process SchedulerTest03-Child1 (pid 3)
dispatcher(): switching to process watchdog (pid 1)
dispatcher(): switching to process SchedulerTest03-Child1 (pid 3)
SchedulerTest03-Child1: quitting

'SchedulerTest03.exe' (Win32): Loaded 'C:\Windows\System32\vruntime140.dll'.
The thread 3968 has exited with code 0 (0x0).
'SchedulerTest03.exe' (Win32): Loaded 'C:\Windows\System32\cryptsp.dll'.
```



