

Feedback

Mögliche Punkte

Test	Punkte
warn_HRRN	0.2
warn_LCFS	0.2
warn_MLF	0.2
warn_PRIOP	0.2
warn_queue	0.2
warn_RR	0.2
warn_SRTNP	0.2
test_queue_add	0.1
test_queue_complex	0.4
test_queue_free	0.1
test_queue_many	0.4
test_queue_new	0.1
test_queue_peek	0.1
test_queue_poll	0.1
test_queue_simple	0.4
test_fcfs_simple	0.1
test_HRRN_simple	0.4
test_HRRN_complex	0.4
test_lcfs_simple	0.4
test_lcfs_complex	0.4
test_MLF_simple	0.4
test_MLF_complex	0.4
test_MLF_short	0.5
test_MLF_long	0.5
test_PRIOP_simple	0.4
test_PRIOP_complex	0.4
test_RR_complex	0.4
test_RR_simple	0.4
test_RR_long	0.5
test_RR_short	0.5
test_SRTNP_simple	0.4
test_SRTNP_complex	0.4

Erreichte Punkte

Test	Punkte
warn_HRRN	0.0
warn_LCFS	0.2

Test	Punkte
warn_MLF	0.2
warn_PRIOP	0.2
warn_queue	0.2
warn_RR	0.2
warn_SRTNP	0.2
test_queue_add	0.1
test_queue_complex	0.4
test_queue_free	0.1
test_queue_many	0.4
test_queue_new	0.1
test_queue_peek	0.1
test_queue_poll	0.1
test_queue_simple	0.4
test_fcfs_simple	0.1
test_HRRN_simple	0.4
test_HRRN_complex	0.0
test_lcfs_simple	0.4
test_lcfs_complex	0.4
test_MLF_simple	0.4
test_MLF_complex	0.4
test_MLF_short	0.5
test_MLF_long	0.5
test_PRIOP_simple	0.4
test_PRIOP_complex	0.4
test_RR_complex	0.4
test_RR_simple	0.4
test_RR_long	0.5
test_RR_short	0.5
test_SRTNP_simple	0.4
test_SRTNP_complex	0.4
TOTAL	9.4

Logs

Lines longer than 400 characters are cropped!

test_RR_complex.log

```

1 clang -Wno-comment -o out/test src/HRRN.c src/LCFS.c
  src/MLF.c src/PRIOP.c src/queue.c src/RR.c src/SRTNP.c
  src/FCFS.c src/scheduler.c src/colors.c
  tests/test_RR_complex.c
2 >> Running Test (with 60 sec timeout)
3 Process count: 5

```

```

4 Strategy      : RR
5 Quantum      : 3
6 +-----+
7 | ID | Start Time | Duration | Priority |
8 +-----+
9 | A |      0 |      3 |      1 |
10 | B |      4 |      8 |      4 |
11 | C |      9 |      7 |      4 |
12 | D |     13 |      2 |      4 |
13 | E |     15 |      4 |      2 |
14 +-----+
15 Starting RR scheduler
16 A | A | A | | B | B | B | B | B | C | C | C | B | B |
   D | D | C | C | C | E | E | E | C | E |
17 Result
18 -----
19 Got      : AAA BBBBCCBBDDCCCEEECE
20 Expected: AAA BBBBCCBBDDCCCEEECE
21 Matches
22 RESULT: PASSED

```

test_queue_peek.log

```

1 clang -Wno-comment -o out/test src/HRRN.c src/LCFS.c
  src/MLF.c src/PRIOP.c src/queue.c src/RR.c src/SRTNP.c
  src/FCFS.c src/scheduler.c src/colors.c
  tests/test_queue_peek.c
2 >> Running Test (with 60 sec timeout)
3 Creating a single queue with new_queue
4 Peeking queue and checking value
5 Adding a single element with queue_add
6 Peeking queue and checking value
7 Peeking queue again
8 RESULT: PASSED

```

warn_PRIOP.log

```

1 clang -Wall -Wextra -Werror -fsyntax-only -Wno-comment
  src/PRIOP.c
2 RESULT: PASSED

```

test_fcfs_simple.log

```

1 clang -Wno-comment -o out/test src/HRRN.c src/LCFS.c
  src/MLF.c src/PRIOP.c src/queue.c src/RR.c src/SRTNP.c
  src/FCFS.c src/scheduler.c src/colors.c
  tests/test_fcfs_simple.c
2 >> Running Test (with 60 sec timeout)
3 Process count: 2

```

```

4 Strategy      : FCFS
5 +-----+
6 | ID | Start Time | Duration | Priority |
7 +-----+
8 | A |          0 |          3 |          1 |
9 | B |          2 |          2 |          3 |
10 +-----+
11 Starting FCFS scheduler
12 A | A | A | B | B |
13 Result
14 -----
15 Got      : AAABB
16 Expected: AAABB
17 Matches
18 RESULT: PASSED

```

test_RR_short.log

```

1 clang -Wno-comment -o out/test src/HRRN.c src/LCFS.c
  src/MLF.c src/PRIOP.c src/queue.c src/RR.c src/SRTNP.c
  src/FCFS.c src/scheduler.c src/colors.c
  tests/test_RR_short.c
2 >> Running Test (with 60 sec timeout)
3 Process count: 8
4 Strategy      : RR
5 Quantum      : 1
6 +-----+
7 | ID | Start Time | Duration | Priority |
8 +-----+
9 | A |          0 |          3 |          1 |
10 | B |          1 |          1 |          1 |
11 | C |          2 |          1 |          1 |
12 | D |          6 |          4 |          1 |
13 | E |          7 |          2 |          1 |
14 | F |          9 |          3 |          1 |
15 | G |         20 |          5 |          1 |
16 | H |         22 |          3 |          1 |
17 +-----+
18 Starting RR scheduler
19 A | B | A | C | A |   | D | E | D | E | F | D | F | D | F |
   |   |   |   |   |   | G | G | H | G | H | G | H | G |
20 Result
21 -----
22 Got      : ABACA DEDEFDFDF      GGHGHGHG
23 Expected: ABACA DEDEFDFDF      GGHGHGHG
24 Matches
25 RESULT: PASSED

```

test_queue_add.log

```

1 clang -Wno-comment -o out/test src/HRRN.c src/LCFS.c
  src/MLF.c src/PRIOP.c src/queue.c src/RR.c src/SRTNP.c
  src/FCFS.c src/scheduler.c src/colors.c
  tests/test_queue_add.c
2 >> Running Test (with 60 sec timeout)
3 Creating a single queue with new_queue
4 Adding a single element with queue_add
5 Checking if next of queue head is not NULL
6 Checking if next->next is NULL
7 RESULT: PASSED

```

test_MLF_simple.log

```

1 clang -Wno-comment -o out/test src/HRRN.c src/LCFS.c
  src/MLF.c src/PRIOP.c src/queue.c src/RR.c src/SRTNP.c
  src/FCFS.c src/scheduler.c src/colors.c
  tests/test_MLF_simple.c
2 >> Running Test (with 60 sec timeout)
3 Process count: 3
4 Strategy      : MLF
5 +-----+
6 | ID | Start Time | Duration | Priority |
7 +-----+
8 | A |          0 |          3 |          1 |
9 | B |          1 |          2 |          4 |
10 | C |          2 |          2 |          2 |
11 +-----+
12 Starting MLF scheduler
13 A | B | C | A | A | B | C |
14 Result
15 -----
16 Got      : ABCAABC
17 Expected: ABCAABC
18 Matches
19 RESULT: PASSED

```

warn_MLF.log

```

1 clang -Wall -Wextra -Werror -fsyntax-only -Wno-comment
  src/MLF.c
2 RESULT: PASSED

```

test_queue_new.log

```

1 clang -Wno-comment -o out/test src/HRRN.c src/LCFS.c
  src/MLF.c src/PRIOP.c src/queue.c src/RR.c src/SRTNP.c
  src/FCFS.c src/scheduler.c src/colors.c
  tests/test_queue_new.c
2 >> Running Test (with 60 sec timeout)

```

```

3 Creating a single queue with new_queue
4 Checking next of new queue head is NULL
5 RESULT: PASSED

```

test_HRRN_simple.log

```

1 clang -Wno-comment -o out/test src/HRRN.c src/LCFS.c
  src/MLF.c src/PRIOP.c src/queue.c src/RR.c src/SRTNP.c
  src/FCFS.c src/scheduler.c src/colors.c
  tests/test_HRRN_simple.c
2 >> Running Test (with 60 sec timeout)
3 Process count: 3
4 Strategy      : HRRN
5 +-----+
6 | ID | Start Time | Duration | Priority |
7 +-----+
8 | A |          0 |          3 |          1 |
9 | B |          1 |          2 |          4 |
10 | C |          2 |          2 |          2 |
11 +-----+
12 Starting HRRN scheduler
13 A | A | A | B | B | C | C |
14 Result
15 -----
16 Got      : AAABBCC
17 Expected: AAABBCC
18 Matches
19 RESULT: PASSED

```

test_queue_complex.log

```

1 clang -Wno-comment -o out/test src/HRRN.c src/LCFS.c
  src/MLF.c src/PRIOP.c src/queue.c src/RR.c src/SRTNP.c
  src/FCFS.c src/scheduler.c src/colors.c
  tests/test_queue_complex.c
2 >> Running Test (with 60 sec timeout)
3 There are 26 letters in the alphabet. Let's shuffle them
  (using the alphabet in reversed order)
4 Creating three queues
5 Moving first half of alphabet into queue_one
6 Moving second half of alphabet into queue_two
7 Merging from queue_one and queue_two into queue_three
8 Polling from queue_three and creating new string
9 Freeing all three queues
10 Result: zmylxkwjviuhtgfsreqdpcobna
11 Comparing new string to expected output
12 RESULT: PASSED

```

warn_queue.log

```
1 clang -Wall -Wextra -Werror -fsyntax-only -Wno-comment  
  src/queue.c  
2 RESULT: PASSED
```

test_queue_simple.log

```
1 clang -Wno-comment -o out/test src/HRRN.c src/LCFS.c  
  src/MLF.c src/PRIOP.c src/queue.c src/RR.c src/SRTNP.c  
  src/FCFS.c src/scheduler.c src/colors.c  
  tests/test_queue_simple.c  
2 >> Running Test (with 60 sec timeout)  
3 Creating new queue  
4 Adding A to queue  
5 Peeking queue  
6 Adding B to queue  
7 Polling queue  
8 Polling queue  
9 Peeking queue (should be empty)  
10 Polling queue (should be empty)  
11 Freeing queue  
12 RESULT: PASSED
```

test_queue_many.log

```
1 clang -Wno-comment -o out/test src/HRRN.c src/LCFS.c  
  src/MLF.c src/PRIOP.c src/queue.c src/RR.c src/SRTNP.c  
  src/FCFS.c src/scheduler.c src/colors.c  
  tests/test_queue_many.c  
2 >> Running Test (with 60 sec timeout)  
3 Creating 10 queues  
4 Adding 100 elements to each queue with special values in  
  between  
5 Polling first 49 elements from each queue  
6 Peeking all queues, expecting special value  
7 Polling all queues, expecting special value  
8 Polling another 48 elements from each queue  
9 Polling all queues, expecting special value  
10 Freeing all queues (with one element still left over)  
11 RESULT: PASSED
```

test_PRIOP_complex.log

```
1 clang -Wno-comment -o out/test src/HRRN.c src/LCFS.c  
  src/MLF.c src/PRIOP.c src/queue.c src/RR.c src/SRTNP.c  
  src/FCFS.c src/scheduler.c src/colors.c  
  tests/test_PRIOP_complex.c  
2 >> Running Test (with 60 sec timeout)
```

```

3 Process count: 7
4 Strategy      : MLF
5 +-----+
6 | ID | Start Time | Duration | Priority |
7 +-----+
8 | A |          0 |         3 |         3 |
9 | B |          1 |         1 |         5 |
10 | C |          2 |         1 |         4 |
11 | D |          3 |         8 |         1 |
12 | E |          6 |         2 |         2 |
13 | F |          7 |         2 |         3 |
14 | G |         10 |         2 |         4 |
15 +-----+
16 Starting MLF scheduler
17 A | B | C | D | A | A | E | F | D | D | D | G | E | F | G
   | D | D | D | D |
18 Result
19 -----
20 Got      : ABCDAAEFDDDDGEFGDDDD
21 Expected: ABCDAAEFDDDDGEFGDDDD
22 Matches
23 RESULT: PASSED

```

test_queue_free.log

```

1 clang -Wno-comment -o out/test src/HRRN.c src/LCFS.c
  src/MLF.c src/PRIOP.c src/queue.c src/RR.c src/SRTNP.c
  src/FCFS.c src/scheduler.c src/colors.c
  tests/test_queue_free.c
2 >> Running Test (with 60 sec timeout)
3 Creating a single queue with new_queue
4 Freeing queue again
5 RESULT: PASSED

```

test_RR_simple.log

```

1 clang -Wno-comment -o out/test src/HRRN.c src/LCFS.c
  src/MLF.c src/PRIOP.c src/queue.c src/RR.c src/SRTNP.c
  src/FCFS.c src/scheduler.c src/colors.c
  tests/test_RR_simple.c
2 >> Running Test (with 60 sec timeout)
3 Process count: 3
4 Strategy      : RR
5 Quantum       : 2
6 +-----+
7 | ID | Start Time | Duration | Priority |
8 +-----+
9 | A |          0 |         3 |         1 |
10 | B |          1 |         2 |         4 |

```



```

11 | C |          2 |          2 |          2 |
12 +-----+
13 Starting RR scheduler
14 A | A | B | B | C | C | A |
15 Result
16 -----
17 Got      : AABBCCA
18 Expected: AABBCCA
19 Matches
20 RESULT: PASSED

```

test_SRTNP_complex.log

```

1 clang -Wno-comment -o out/test src/HRRN.c src/LCFS.c
  src/MLF.c src/PRIOP.c src/queue.c src/RR.c src/SRTNP.c
  src/FCFS.c src/scheduler.c src/colors.c
  tests/test_SRTNP_complex.c
2 >> Running Test (with 60 sec timeout)
3 Process count: 6
4 Strategy      : SRTNP
5 +-----+
6 | ID | Start Time | Duration | Priority |
7 +-----+
8 | A |          0 |          5 |          1 |
9 | B |          1 |          2 |          1 |
10 | C |          2 |          2 |          1 |
11 | D |          5 |          2 |          1 |
12 | E |          7 |          4 |          1 |
13 | F |          8 |          2 |          1 |
14 +-----+
15 Starting SRTNP scheduler
16 A | B | B | C | C | D | D | A | F | F | A | A | A | E | E
   | E | E |
17 Result
18 -----
19 Got      : ABBCCDDAFFAAAAEEEE
20 Expected: ABBCCDDAFFAAAAEEEE
21 Matches
22 RESULT: PASSED

```

warn_SRTNP.log

```

1 clang -Wall -Wextra -Werror -fsyntax-only -Wno-comment
  src/SRTNP.c
2 RESULT: PASSED

```

warn_RR.log

```

1 clang -Wall -Wextra -Werror -fsyntax-only -Wno-comment
  src/RR.c
2 RESULT: PASSED

```

test_PRIOP_simple.log

```

1 clang -Wno-comment -o out/test src/HRRN.c src/LCFS.c
  src/MLF.c src/PRIOP.c src/queue.c src/RR.c src/SRTNP.c
  src/FCFS.c src/scheduler.c src/colors.c
  tests/test_PRIOP_simple.c
2 >> Running Test (with 60 sec timeout)
3 Process count: 3
4 Strategy      : PRIOP
5 +-----+
6 | ID | Start Time | Duration | Priority |
7 +-----+
8 | A |          0 |          3 |          1 |
9 | B |          1 |          2 |          4 |
10 | C |          2 |          2 |          2 |
11 +-----+
12 Starting PRIOP scheduler
13 A | B | B | C | C | A | A |
14 Result
15 -----
16 Got      : ABBCCAA
17 Expected: ABBCCAA
18 Matches
19 RESULT: PASSED

```

test_MLF_long.log

```

1 clang -Wno-comment -o out/test src/HRRN.c src/LCFS.c
  src/MLF.c src/PRIOP.c src/queue.c src/RR.c src/SRTNP.c
  src/FCFS.c src/scheduler.c src/colors.c
  tests/test_MLF_long.c
2 >> Running Test (with 60 sec timeout)
3 Process count: 6
4 Strategy      : MLF
5 +-----+
6 | ID | Start Time | Duration | Priority |
7 +-----+
8 | A |          0 |          3 |          2 |
9 | B |          1 |          2 |          2 |
10 | C |          4 |         28 |          2 |
11 | D |          5 |          8 |          2 |
12 | E |         18 |          3 |          2 |
13 | F |         34 |          7 |          2 |
14 +-----+
15 Starting MLF scheduler

```

```

16  A | B | A | A | C | D | B | C | C | C | D | D | D | C | C
    | C | C | C | C | C | C | C | E | E | E | D | D
17 Result
18 -----
19 Got      :
    ABAACDBCCDDDDCCCCCCCCCEEEEDDDCCCCCCCCCCCCCCCCFFFFFFF
20 Expected:
    ABAACDBCCDDDDCCCCCCCCCEEEEDDDCCCCCCCCCCCCCCCCFFFFFFF
21 Matches
22 RESULT: PASSED

```

test_MLF_short.log

```

1  clang -Wno-comment -o out/test src/HRRN.c src/LCFS.c
    src/MLF.c src/PRIOP.c src/queue.c src/RR.c src/SRTNP.c
    src/FCFS.c src/scheduler.c src/colors.c
    tests/test_MLF_short.c
2  >> Running Test (with 60 sec timeout)
3  Process count: 10
4  Strategy      : MLF
5  +-----+
6  | ID | Start Time | Duration | Priority |
7  +-----+
8  | A |          0 |          1 |          2 |
9  | B |          1 |          2 |          2 |
10 | C |          2 |          3 |          2 |
11 | D |          3 |          2 |          2 |
12 | E |          4 |          4 |          2 |
13 | F |          5 |          1 |          2 |
14 | G |          6 |          2 |          2 |
15 | H |          7 |          5 |          2 |
16 | I |          8 |          2 |          2 |
17 | J |          9 |          1 |          2 |
18 +-----+
19 Starting MLF scheduler
20 A | B | C | D | E | F | G | H | I | J | B | C | C | D | E
    | E | E | G | H | H | H | I | H |
21 Result
22 -----
23 Got      : ABCDEFGHIJBCCDEEEGHHHHIH
24 Expected: ABCDEFGHIJBCCDEEEGHHHHIH
25 Matches
26 RESULT: PASSED

```

test_queue_poll.log

```

1  clang -Wno-comment -o out/test src/HRRN.c src/LCFS.c
    src/MLF.c src/PRIOP.c src/queue.c src/RR.c src/SRTNP.c

```

```

    src/FCFS.c src/scheduler.c src/colors.c
    tests/test_queue_poll.c
2 >> Running Test (with 60 sec timeout)
3 Creating a single queue with new_queue
4 Adding a single element with queue_add
5 Polling queue and checking value
6 Polling queue again
7 RESULT: PASSED

```

warn_LCFS.log

```

1 clang -Wall -Wextra -Werror -fsyntax-only -Wno-comment
  src/LCFS.c
2 RESULT: PASSED

```

test_MLF_complex.log

```

1 clang -Wno-comment -o out/test src/HRRN.c src/LCFS.c
  src/MLF.c src/PRIOP.c src/queue.c src/RR.c src/SRTNP.c
  src/FCFS.c src/scheduler.c src/colors.c
  tests/test_MLF_complex.c
2 >> Running Test (with 60 sec timeout)
3 Process count: 6
4 Strategy      : MLF
5 +-----+
6 | ID | Start Time | Duration | Priority |
7 +-----+
8 | A |          0 |         3 |         2 |
9 | B |          1 |         2 |         2 |
10 | C |          2 |         5 |         2 |
11 | D |          3 |         2 |         2 |
12 | E |          6 |         4 |         2 |
13 | F |          7 |         2 |         2 |
14 +-----+
15 Starting MLF scheduler
16 A | B | C | D | A | A | E | F | B | C | C | C | D | E | E
   | E | F | C |
17 Result
18 -----
19 Got      : ABCDAAEFBCCCDEEEFC
20 Expected: ABCDAAEFBCCCDEEEFC
21 Matches
22 RESULT: PASSED

```

warn_HRRN.log

```

1 clang -Wall -Wextra -Werror -fsyntax-only -Wno-comment
  src/HRRN.c

```

```

2 src/HRRN.c:3:22: error: unused variable 'HRRN_queue'
   [-Werror,-Wunused-variable]
3 static queue_object* HRRN_queue;
4 ~
5 1 error generated.
6 RESULT: FAILED

```

test_HRRN_complex.log

```

1 clang -Wno-comment -o out/test src/HRRN.c src/LCFS.c
  src/MLF.c src/PRIOP.c src/queue.c src/RR.c src/SRTNP.c
  src/FCFS.c src/scheduler.c src/colors.c
  tests/test_HRRN_complex.c
2 >> Running Test (with 60 sec timeout)
3 Process count: 6
4 Strategy      : HRRN
5 +-----+
6 | ID | Start Time | Duration | Priority |
7 +-----+
8 | A |      0 |      3 |      1 |
9 | B |      1 |      8 |      3 |
10 | C |      2 |      1 |      2 |
11 | D |      3 |     10 |      1 |
12 | E |      4 |      2 |      8 |
13 | F |      5 |      1 |     22 |
14 +-----+
15 Starting HRRN scheduler
16 A | A | A | C | E | E | F | D | D | D | D | D | D | D |
   | D | D | B | B | B | B | B | B | B | B |
17 Result
18 -----
19 Got      : AAACEEFDDDDDDDDDBBBBBBBB
20 Expected: AAACBBBBBBBBFEEDDDDDDDDD
21 Did not match!
22 RESULT: FAILED

```

test_RR_long.log

```

1 clang -Wno-comment -o out/test src/HRRN.c src/LCFS.c
  src/MLF.c src/PRIOP.c src/queue.c src/RR.c src/SRTNP.c
  src/FCFS.c src/scheduler.c src/colors.c
  tests/test_RR_long.c
2 >> Running Test (with 60 sec timeout)
3 Process count: 5
4 Strategy      : RR
5 Quantum      : 7
6 +-----+
7 | ID | Start Time | Duration | Priority |
8 +-----+

```

```

9 | A | 0 | 7 | 1 |
10 | B | 1 | 23 | 1 |
11 | C | 2 | 3 | 1 |
12 | D | 4 | 18 | 1 |
13 | E | 6 | 4 | 1 |
14 +-----+
15 Starting RR scheduler
16 A | A | A | A | A | A | A | B | B | B | B | B | B | B | C
   | C | C | D | D | D | D | D | D | D | E | E | E
17 Result
18 -----
19 Got      :
   AAAAAAABBBBBBBCCDDDDDDDEEEEBBBBBBDDDDDDBBBBBBBDDDDDB
20 Expected:
   AAAAAAABBBBBBBCCDDDDDDDEEEEBBBBBBDDDDDDBBBBBBBDDDDDB
21 Matches
22 RESULT: PASSED

```

test_SRTNP_simple.log

```

1 clang -Wno-comment -o out/test src/HRRN.c src/LCFS.c
  src/MLF.c src/PRIOP.c src/queue.c src/RR.c src/SRTNP.c
  src/FCFS.c src/scheduler.c src/colors.c
  tests/test_SRTNP_simple.c
2 >> Running Test (with 60 sec timeout)
3 Process count: 3
4 Strategy      : SRTNP
5 +-----+
6 | ID | Start Time | Duration | Priority |
7 +-----+
8 | A | 0 | 3 | 1 |
9 | B | 1 | 2 | 4 |
10 | C | 2 | 2 | 2 |
11 +-----+
12 Starting SRTNP scheduler
13 A | A | A | B | B | C | C |
14 Result
15 -----
16 Got      : AAABBCC
17 Expected: AAABBCC
18 Matches
19 RESULT: PASSED

```

test_lcfs_simple.log

```

1 clang -Wno-comment -o out/test src/HRRN.c src/LCFS.c
  src/MLF.c src/PRIOP.c src/queue.c src/RR.c src/SRTNP.c
  src/FCFS.c src/scheduler.c src/colors.c
  tests/test_lcfs_simple.c

```

```

2 >> Running Test (with 60 sec timeout)
3 Process count: 3
4 Strategy      : LCFS
5 +-----+
6 | ID | Start Time | Duration | Priority |
7 +-----+
8 | A |          0 |          3 |          1 |
9 | B |          1 |          2 |          4 |
10 | C |          2 |          2 |          2 |
11 +-----+
12 Starting LCFS scheduler
13 A | A | A | C | C | B | B |
14 Result
15 -----
16 Got      : AAACCBB
17 Expected: AAACCBB
18 Matches
19 RESULT: PASSED

```

test_lcfs_complex.log

```

1 clang -Wno-comment -o out/test src/HRRN.c src/LCFS.c
  src/MLF.c src/PRIOP.c src/queue.c src/RR.c src/SRTNP.c
  src/FCFS.c src/scheduler.c src/colors.c
  tests/test_lcfs_complex.c
2 >> Running Test (with 60 sec timeout)
3 Process count: 7
4 Strategy      : LCFS
5 +-----+
6 | ID | Start Time | Duration | Priority |
7 +-----+
8 | A |          0 |          10 |          1 |
9 | B |          3 |          2 |          1 |
10 | C |          4 |          3 |          1 |
11 | D |          5 |          3 |          1 |
12 | E |          6 |          8 |          1 |
13 | F |         12 |          2 |          1 |
14 | C |         20 |          2 |          1 |
15 +-----+
16 Starting LCFS scheduler
17 A | A | A | A | A | A | A | A | A | A | E | E | E | E | E
   | E | E | E | F | F | C | C | D | D | D | C | C
18 Result
19 -----
20 Got      : AAAAAAAAAEEEEEEEEFFCDDDDCCBB
21 Expected: AAAAAAAAAEEEEEEEEFFCDDDDCCBB
22 Matches
23 RESULT: PASSED

```