**Execution for Test2b (Could not fit as a screenshot, but I can put it in the correct font here in this doc:**

[samneet@csslab1 Program2b]$ cp Scheduler\_Files/Scheduler\_pri.java Scheduler.java

[samneet@csslab1 Program2b]$ javac -deprecation Scheduler.java

[samneet@csslab1 Program2b]$ java Boot

threadOS ver 2.0:

Type ? for help

threadOS: a new thread (thread=Thread[Thread-3,2,main] tid=0 pid=-1)

-->l Test2b

l Test2b

threadOS: a new thread (thread=Thread[Thread-5,2,main] tid=1 pid=0)

threadOS: a new thread (thread=Thread[Thread-7,2,main] tid=2 pid=1)

threadOS: a new thread (thread=Thread[Thread-9,2,main] tid=3 pid=1)

threadOS: a new thread (thread=Thread[Thread-11,2,main] tid=4 pid=1)

threadOS: a new thread (thread=Thread[Thread-13,2,main] tid=5 pid=1)

threadOS: a new thread (thread=Thread[Thread-15,2,main] tid=6 pid=1)

Thread[a] is running

Thread[a] is running

Thread[a] is running

Thread[a] is running

Thread[a] is running

Thread[a] is running

Thread[a] is running

Thread[a] is running

Thread[a] is running

Thread[a] is running

Thread[b] is running

Thread[a] is running

Thread[b] is running

Thread[a] is running

Thread[b] is running

Thread[a] is running

Thread[b] is running

Thread[a] is running

Thread[b] is running

Thread[a] is running

Thread[b] is running

Thread[a] is running

Thread[b] is running

Thread[a] is running

Thread[b] is running

Thread[a] is running

Thread[b] is running

Thread[a] is running

Thread[b] is running

Thread[a] is running

Thread[c] is running

Thread[b]: response time = 2998 turnaround time = 4001 execution time = 1003

Thread[a] is running

Thread[c] is running

Thread[a] is running

Thread[c] is running

Thread[a] is running

Thread[c] is running

Thread[a] is running

Thread[c] is running

Thread[a] is running

Thread[c] is running

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Thread[e] is running

Thread[d] is running

Thread[c] is running

Thread[a] is running

Thread[e] is running

Thread[d] is running

Thread[c] is running

Thread[a] is running

Thread[e] is running

Thread[d] is running

Thread[c] is running

Thread[a] is running

Thread[e] is running

Thread[d] is running

Thread[c] is running

Thread[a] is running

Thread[e] is running

Thread[d] is running

Thread[c] is running

Thread[a] is running

Thread[e]: response time = 5999 turnaround time = 6501 execution time = 502

Thread[d] is running

Thread[c] is running

Thread[a] is running

Thread[d] is running

Thread[c] is running

Thread[a] is running

Thread[d] is running

Thread[c] is running

Thread[a] is running

Thread[d] is running

Thread[c] is running

Thread[a] is running

Thread[d] is running

Thread[c] is running

Thread[a] is running

Thread[d] is running

Thread[c]: response time = 3999 turnaround time = 7007 execution time = 3008

Thread[a]: response time = 1997 turnaround time = 7010 execution time = 5013

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

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Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d]: response time = 4998 turnaround time = 11017 execution time = 6019

Test2b finished; total time = 11021

-->q

q

[samneet@csslab1 Program2b]$ cp Scheduler\_Files/Scheduler\_rr.java Scheduler.java

[samneet@csslab1 Program2b]$ javac -deprecation Scheduler.java

Scheduler.java:142: warning: [deprecation] resume() in Thread has been deprecated

current.resume( );

^

Scheduler.java:154: warning: [deprecation] suspend() in Thread has been deprecated

current.suspend( );

^

2 warnings

[samneet@csslab1 Program2b]$ java Boot

threadOS ver 2.0:

Type ? for help

threadOS: a new thread (thread=Thread[Thread-3,5,main] tid=0 pid=-1)

-->l Test2b

l Test2b

threadOS: a new thread (thread=Thread[Thread-5,5,main] tid=1 pid=0)

threadOS: a new thread (thread=Thread[Thread-7,5,main] tid=2 pid=1)

threadOS: a new thread (thread=Thread[Thread-9,5,main] tid=3 pid=1)

threadOS: a new thread (thread=Thread[Thread-11,5,main] tid=4 pid=1)

threadOS: a new thread (thread=Thread[Thread-13,5,main] tid=5 pid=1)

threadOS: a new thread (thread=Thread[Thread-15,5,main] tid=6 pid=1)

Thread[a] is running

Thread[a] is running

Thread[a] is running

Thread[a] is running

Thread[a] is running

Thread[a] is running

Thread[a] is running

Thread[a] is running

Thread[a] is running

Thread[a] is running

Thread[b] is running

Thread[b] is running

Thread[b] is running

Thread[b] is running

Thread[b] is running

Thread[b] is running

Thread[b] is running

Thread[b] is running

Thread[b] is running

Thread[b] is running

Thread[c] is running

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Thread[d] is running

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Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[e] is running

Thread[e] is running

Thread[e] is running

Thread[e] is running

Thread[e] is running

Thread[e]: response time = 6003 turnaround time = 6504 execution time = 501

Thread[a] is running

Thread[a] is running

Thread[a] is running

Thread[a] is running

Thread[a] is running

Thread[a] is running

Thread[a] is running

Thread[a] is running

Thread[a] is running

Thread[a] is running

Thread[b]: response time = 3000 turnaround time = 9506 execution time = 6506

Thread[c] is running

Thread[c] is running

Thread[c] is running

Thread[c] is running

Thread[c] is running

Thread[c] is running

Thread[c] is running

Thread[c] is running

Thread[c] is running

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Thread[a] is running

Thread[a] is running

Thread[a] is running

Thread[a] is running

Thread[a] is running

Thread[a] is running

Thread[a] is running

Thread[c]: response time = 4001 turnaround time = 19509 execution time = 15508

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

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Thread[d] is running

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Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[a]: response time = 2000 turnaround time = 26512 execution time = 24512

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d]: response time = 5002 turnaround time = 29512 execution time = 24510

Test2b finished; total time = 29514

-->q

q

[samneet@csslab1 Program2b]$ cp Scheduler\_Files/Scheduler\_mfq.java Scheduler.java

[samneet@csslab1 Program2b]$ javac -deprecation Scheduler.java

Scheduler.java:166: warning: [deprecation] resume() in Thread has been deprecated

current.resume( );

^

Scheduler.java:176: warning: [deprecation] suspend() in Thread has been deprecated

current.suspend();

^

2 warnings

[samneet@csslab1 Program2b]$ java Boot

threadOS ver 2.0:

Type ? for help

threadOS: a new thread (thread=Thread[Thread-3,5,main] tid=0 pid=-1)

-->l Test2b

l Test2b

threadOS: a new thread (thread=Thread[Thread-5,5,main] tid=1 pid=0)

threadOS: a new thread (thread=Thread[Thread-7,5,main] tid=2 pid=1)

threadOS: a new thread (thread=Thread[Thread-9,5,main] tid=3 pid=1)

threadOS: a new thread (thread=Thread[Thread-11,5,main] tid=4 pid=1)

threadOS: a new thread (thread=Thread[Thread-13,5,main] tid=5 pid=1)

threadOS: a new thread (thread=Thread[Thread-15,5,main] tid=6 pid=1)

Thread[a] is running

Thread[a] is running

Thread[a] is running

Thread[a] is running

Thread[a] is running

Thread[b] is running

Thread[b] is running

Thread[b] is running

Thread[b] is running

Thread[b] is running

Thread[c] is running

Thread[c] is running

Thread[c] is running

Thread[c] is running

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Thread[e] is running

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Thread[a] is running

Thread[a] is running

Thread[b] is running

Thread[b] is running

Thread[b] is running

Thread[b] is running

Thread[b] is running

Thread[b]: response time = 999 turnaround time = 5504 execution time = 4505

Thread[c] is running

Thread[c] is running

Thread[c] is running

Thread[c] is running

Thread[c] is running

Thread[c] is running

Thread[c] is running

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Thread[d] is running

Thread[d] is running

Thread[e]: response time = 2502 turnaround time = 7506 execution time = 5004

Thread[a] is running

Thread[a] is running

Thread[a] is running

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Thread[c] is running

Thread[c] is running

Thread[c] is running

Thread[c] is running

Thread[c] is running

Thread[c] is running

Thread[c]: response time = 1500 turnaround time = 15013 execution time = 13513

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

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Thread[a] is running

Thread[a] is running

Thread[a] is running

Thread[a] is running

Thread[a] is running

Thread[a]: response time = 498 turnaround time = 22521 execution time = 22023

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

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Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d] is running

Thread[d]: response time = 2001 turnaround time = 29026 execution time = 27025

Test2b finished; total time = 31028

-->q

q

**Execution snapshot for Test2.java file:**

**A screen shot of a computer

Description automatically generated**