

PROBLEMSOUTPUTDEBUG CONSOLETERMINALPORTS

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Ln 253, Col 19

Spaces: 2

UTF-8

LF

C++

Linux

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```
tcr21@vertex50:05_CW1_tcr21$ make
g++ -Wall -c -g helper.cc main.cc
g++ -Wall -pthread -g -o main helper.o main.o
tcr21@vertex50:05_CW1_tcr21$ ./main 5 6 3 4
Producer(1): Job id 0 duration 4
Consumer(1): Job id 0 executing sleep duration 4
Producer(2): Job id 0 duration 8
Producer(3): Job id 1 duration 4
Consumer(2): Job id 0 executing sleep duration 8
Consumer(3): Job id 1 executing sleep duration 4
Producer(2): Job id 0 duration 7
Producer(3): Job id 1 duration 10
Consumer(4): Job id 0 executing sleep duration 7
Producer(1): Job id 2 duration 3
Producer(3): Job id 3 duration 1
Consumer(1): Job id 0 completed
Consumer(1): Job id 1 executing sleep duration 10
Consumer(3): Job id 1 completed
Producer(2): Job id 4 duration 4
Consumer(3): Job id 2 executing sleep duration 3
Producer(1): Job id 0 duration 1
Producer(2): Job id 1 duration 3
Producer(1): Job id 2 duration 2
Consumer(3): Job id 2 completed
Consumer(3): Job id 3 executing sleep duration 1
Consumer(2): Job id 0 completed
Consumer(2): Job id 4 executing sleep duration 4
Consumer(4): Job id 0 completed
Consumer(4): Job id 0 executing sleep duration 1
Producer(3): Job id 3 duration 8
Consumer(3): Job id 3 completed
Consumer(3): Job id 1 executing sleep duration 3
Producer(2): Job id 4 duration 3
Consumer(4): Job id 0 completed
Consumer(4): Job id 2 executing sleep duration 2
Producer(2): Job id 0 duration 3
Producer(1): Job id 1 duration 8
Consumer(3): Job id 1 completed
Consumer(3): Job id 3 executing sleep duration 8
Consumer(4): Job id 2 completed
Consumer(4): Job id 4 executing sleep duration 3
Consumer(2): Job id 4 completed
Consumer(2): Job id 0 executing sleep duration 3
Producer(1): Job id 2 duration 10
Producer(3): Job id 3 duration 3
Producer(2): No more jobs to generate.
Consumer(1): Job id 1 completed
Consumer(1): Job id 1 executing sleep duration 8
Consumer(4): Job id 4 completed
Consumer(4): Job id 2 executing sleep duration 10
Consumer(2): Job id 0 completed
Consumer(2): Job id 3 executing sleep duration 3
Producer(1): No more jobs to generate.
Producer(3): Job id 0 duration 10
Consumer(2): Job id 3 completed
Consumer(2): Job id 0 executing sleep duration 10
Consumer(3): Job id 3 completed
Producer(3): No more jobs to generate.
Consumer(1): Job id 1 completed
Consumer(4): Job id 2 completed
```

Consumer(4): Job id 2 completed
Consumer(2): Job id 0 completed
Consumer(3): No more jobs left
Consumer(1): No more jobs left
Consumer(4): No more jobs left
Consumer(2): No more jobs left
tcr21@vertex50:0S_CW1_tcr21\$./main 5 6 2 3

SSH: shell3.doc.ic.ac.uk main* 0 0 0

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