//Output

run:

Demonstration of 10 Producers and 10 Consumers running simultaneously. Output shows only a few seconds of events.

Consumer 1 will sleep for 946 milliseconds

Consumer 3 will sleep for 523 milliseconds

Consumer 2 will sleep for 458 milliseconds

Consumer 4 will sleep for 323 milliseconds

Consumer 5 will sleep for 909 milliseconds

Consumer 6 will sleep for 552 milliseconds

Consumer 7 will sleep for 270 milliseconds

Consumer 8 will sleep for 939 milliseconds

Consumer 9 will sleep for 668 milliseconds

Consumer 10 will sleep for 649 milliseconds

Producer 1 will sleep for 798 milliseconds

Producer 2 will sleep for 597 milliseconds

Producer 3 will sleep for 90 milliseconds

Producer 4 will sleep for 803 milliseconds

Producer 5 will sleep for 713 milliseconds

Producer 6 will sleep for 122 milliseconds

Producer 7 will sleep for 694 milliseconds

Producer 8 will sleep for 814 milliseconds

Producer 9 will sleep for 665 milliseconds

Producer 10 will sleep for 996 milliseconds

Producer 3 enters meeting room

Producer 3 set data

Producer 3 will sleep for 419 milliseconds

Producer 6 enters meeting room

Producer 6 enters waiting room

Producer 6 will sleep for 505 milliseconds

Consumer 7 enters meeting room

Consumer 7 enters waiting room

Consumer 7 will sleep for 103 milliseconds

Consumer 4 enters meeting room

Consumer 4 enters waiting room

Consumer 4 will sleep for 599 milliseconds

Consumer 7 enters meeting room

Consumer 7 enters waiting room

Consumer 7 will sleep for 665 milliseconds

Consumer 2 enters meeting room

Consumer 2 enters waiting room

Consumer 2 will sleep for 799 milliseconds

Producer 3 enters meeting room

Producer 3 enters waiting room

Producer 3 will sleep for 342 milliseconds

Consumer 3 enters meeting room

Consumer 3 collects data

Consumer 3 will sleep for 607 milliseconds

Consumer 6 enters meeting room

Consumer 6 enters waiting room

Consumer 6 will sleep for 597 milliseconds

Producer 2 enters meeting room

Producer 2 set data

Producer 2 will sleep for 266 milliseconds

Producer 6 enters meeting room

Producer 6 enters waiting room

Producer 6 will sleep for 292 milliseconds

Consumer 10 enters meeting room

Consumer 10 enters waiting room

Consumer 10 will sleep for 784 milliseconds

Consumer 9 enters meeting room

Consumer 9 enters waiting room

Consumer 9 will sleep for 534 milliseconds

Producer 9 enters meeting room

Producer 9 enters waiting room

Producer 9 will sleep for 753 milliseconds

Producer 7 enters meeting room

Producer 7 enters waiting room

Producer 7 will sleep for 841 milliseconds

Producer 5 enters meeting room

Producer 5 enters waiting room

Producer 5 will sleep for 64 milliseconds

Producer 5 enters meeting room

Producer 5 enters waiting room

Producer 5 will sleep for 120 milliseconds

Producer 1 enters meeting room

Producer 1 enters waiting room

Producer 1 will sleep for 892 milliseconds

Producer 4 enters meeting room

Producer 4 enters waiting room

Producer 4 will sleep for 384 milliseconds

Producer 8 enters meeting room

Producer 8 enters waiting room

Producer 8 will sleep for 631 milliseconds

Producer 3 enters meeting room

Producer 3 enters waiting room

Producer 3 will sleep for 659 milliseconds

Producer 2 enters meeting room

Producer 2 enters waiting room

Producer 2 will sleep for 221 milliseconds

Producer 5 enters meeting room

Producer 5 enters waiting room

Producer 5 will sleep for 161 milliseconds

Consumer 5 enters meeting room

Consumer 5 enters waiting room

Consumer 5 will sleep for 498 milliseconds

Consumer 4 enters meeting room

Consumer 4 enters waiting room

Consumer 4 will sleep for 544 milliseconds

Producer 6 enters meeting room

Producer 6 enters waiting room

Producer 6 will sleep for 943 milliseconds

Consumer 8 enters meeting room

Consumer 8 enters waiting room

Consumer 8 will sleep for 721 milliseconds

Consumer 1 enters meeting room

Consumer 1 enters waiting room

Consumer 1 will sleep for 604 milliseconds

Producer 10 enters meeting room

Producer 10 enters waiting room

Producer 10 will sleep for 15 milliseconds

Producer 10 enters meeting room

Producer 10 enters waiting room

Producer 10 will sleep for 267 milliseconds

Consumer 7 enters meeting room

Consumer 7 enters waiting room

Consumer 7 will sleep for 384 milliseconds

Producer 5 enters meeting room

Producer 5 enters waiting room

Producer 5 will sleep for 10 milliseconds

Producer 5 enters meeting room

Producer 5 enters waiting room

Producer 5 will sleep for 94 milliseconds

Producer 2 enters meeting room

Producer 2 enters waiting room

Producer 2 will sleep for 106 milliseconds

Consumer 3 enters meeting room

Consumer 3 enters waiting room

Consumer 3 will sleep for 880 milliseconds

Consumer 6 enters meeting room

Consumer 6 enters waiting room

Consumer 6 will sleep for 389 milliseconds

Producer 5 enters meeting room

Producer 5 enters waiting room

Producer 5 will sleep for 588 milliseconds

Producer 4 enters meeting room

Producer 4 enters waiting room

Producer 4 will sleep for 479 milliseconds

Producer 2 enters meeting room

Producer 2 enters waiting room

Producer 2 will sleep for 364 milliseconds

Consumer 9 enters meeting room

Consumer 9 enters waiting room

Consumer 9 will sleep for 878 milliseconds

Consumer 2 enters meeting room

Consumer 2 collects data

Consumer 2 will sleep for 149 milliseconds

Producer 10 enters meeting room

Producer 10 set data

Producer 10 will sleep for 84 milliseconds

Producer 10 enters meeting room

Producer 10 enters waiting room

Producer 10 will sleep for 584 milliseconds

Consumer 2 enters meeting room

Consumer 2 enters waiting room

Consumer 2 will sleep for 941 milliseconds

Consumer 5 enters meeting room

Consumer 5 enters waiting room

Consumer 5 will sleep for 394 milliseconds

Consumer 7 enters meeting room

Consumer 7 enters waiting room

Consumer 7 will sleep for 611 milliseconds

Producer 9 enters meeting room

Producer 9 enters waiting room

Producer 9 will sleep for 486 milliseconds

Consumer 10 enters meeting room

Consumer 10 collects data

Consumer 10 will sleep for 402 milliseconds

Producer 8 enters meeting room

Producer 8 set data

Producer 8 will sleep for 941 milliseconds

Consumer 4 enters meeting room

Consumer 4 enters waiting room

Consumer 4 will sleep for 286 milliseconds

Producer 3 enters meeting room

Producer 3 enters waiting room

Producer 3 will sleep for 138 milliseconds

Consumer 6 enters meeting room

Consumer 6 enters waiting room

Consumer 6 will sleep for 919 milliseconds

Producer 7 enters meeting room

Producer 7 enters waiting room

Producer 7 will sleep for 229 milliseconds

Consumer 1 enters meeting room

Consumer 1 enters waiting room

Consumer 1 will sleep for 255 milliseconds

Producer 2 enters meeting room

Producer 2 enters waiting room

Producer 2 will sleep for 514 milliseconds

Producer 3 enters meeting room

Producer 3 enters waiting room

Producer 3 will sleep for 553 milliseconds

Consumer 8 enters meeting room

Consumer 8 collects data

Consumer 8 will sleep for 14 milliseconds

Producer 4 enters meeting room

Producer 4 set data

Producer 4 will sleep for 969 milliseconds

Consumer 8 enters meeting room

Consumer 8 enters waiting room

Consumer 8 will sleep for 921 milliseconds

Producer 1 enters meeting room

Producer 1 enters waiting room

Producer 1 will sleep for 279 milliseconds

Consumer 4 enters meeting room

Consumer 4 collects data

Consumer 4 will sleep for 915 milliseconds

Producer 5 enters meeting room

Producer 5 set data

Producer 5 will sleep for 816 milliseconds

Producer 7 enters meeting room

Producer 7 enters waiting room

Producer 7 will sleep for 100 milliseconds

Consumer 5 enters meeting room

Consumer 5 collects data

Consumer 5 will sleep for 65 milliseconds

Consumer 1 enters meeting room

Consumer 1 enters waiting room

Consumer 1 will sleep for 621 milliseconds

Consumer 10 enters meeting room

Consumer 10 enters waiting room

Consumer 10 will sleep for 358 milliseconds

Consumer 5 enters meeting room

Consumer 5 enters waiting room

Consumer 5 will sleep for 2 milliseconds

Consumer 5 enters meeting room

Consumer 5 enters waiting room

Consumer 5 will sleep for 194 milliseconds

Producer 6 enters meeting room

Producer 6 set data

Producer 6 will sleep for 278 milliseconds

Producer 7 enters meeting room

Producer 7 enters waiting room

Producer 7 will sleep for 215 milliseconds

Producer 9 enters meeting room

Producer 9 enters waiting room

Producer 9 will sleep for 526 milliseconds

Producer 10 enters meeting room

Producer 10 enters waiting room

Producer 10 will sleep for 457 milliseconds

Producer 1 enters meeting room

Producer 1 enters waiting room

Producer 1 will sleep for 464 milliseconds

Consumer 3 enters meeting room

Consumer 3 enters waiting room

Consumer 3 will sleep for 297 milliseconds

Consumer 7 enters meeting room

Consumer 7 enters waiting room

Consumer 7 will sleep for 730 milliseconds

Consumer 5 enters meeting room

Consumer 5 enters waiting room

Consumer 5 will sleep for 906 milliseconds

Producer 2 enters meeting room

Producer 2 enters waiting room

Producer 2 will sleep for 450 milliseconds

Consumer 9 enters meeting room

Consumer 9 enters waiting room

Consumer 9 will sleep for 577 milliseconds

Producer 7 enters meeting room

Producer 7 enters waiting room

Producer 7 will sleep for 395 milliseconds

Producer 6 enters meeting room

Producer 6 enters waiting room

Producer 6 will sleep for 60 milliseconds

Consumer 10 enters meeting room

Consumer 10 enters waiting room

Consumer 10 will sleep for 51 milliseconds

Producer 3 enters meeting room

Producer 3 enters waiting room

Producer 3 will sleep for 834 milliseconds

Producer 6 enters meeting room

Producer 6 enters waiting room

Producer 6 will sleep for 105 milliseconds

Consumer 10 enters meeting room

Consumer 10 enters waiting room

Consumer 10 will sleep for 539 milliseconds

Consumer 3 enters meeting room

Consumer 3 enters waiting room

Consumer 3 will sleep for 868 milliseconds

Producer 6 enters meeting room

Producer 6 enters waiting room

Producer 6 will sleep for 241 milliseconds

Consumer 2 enters meeting room

Consumer 2 enters waiting room

Consumer 2 will sleep for 772 milliseconds

Producer 8 enters meeting room

Producer 8 enters waiting room

Producer 8 will sleep for 199 milliseconds

Producer 10 enters meeting room

Producer 10 enters waiting room

Producer 10 will sleep for 669 milliseconds

Consumer 1 enters meeting room

Consumer 1 enters waiting room

Consumer 1 will sleep for 584 milliseconds

Producer 1 enters meeting room

Producer 1 enters waiting room

Producer 1 will sleep for 836 milliseconds

Producer 9 enters meeting room

Producer 9 enters waiting room

Producer 9 will sleep for 990 milliseconds

Consumer 6 enters meeting room

Consumer 6 collects data

Consumer 6 will sleep for 105 milliseconds

Producer 7 enters meeting room

Producer 7 set data

Producer 7 will sleep for 749 milliseconds

Producer 2 enters meeting room

Producer 2 enters waiting room

Producer 2 will sleep for 201 milliseconds

Producer 6 enters meeting room

Producer 6 enters waiting room

Producer 6 will sleep for 467 milliseconds

Consumer 6 enters meeting room

Consumer 6 enters waiting room

Consumer 6 will sleep for 196 milliseconds

Producer 5 enters meeting room

Producer 5 enters waiting room

Producer 5 will sleep for 759 milliseconds

Producer 8 enters meeting room

Producer 8 enters waiting room

Producer 8 will sleep for 716 milliseconds

Consumer 8 enters meeting room

Consumer 8 enters waiting room

Consumer 8 will sleep for 468 milliseconds

Producer 4 enters meeting room

Producer 4 enters waiting room

Producer 4 will sleep for 44 milliseconds

Consumer 9 enters meeting room

Consumer 9 enters waiting room

Consumer 9 will sleep for 909 milliseconds

Consumer 4 enters meeting room

Consumer 4 enters waiting room

Consumer 4 will sleep for 317 milliseconds

Producer 4 enters meeting room

Producer 4 enters waiting room

Producer 4 will sleep for 970 milliseconds

Producer 2 enters meeting room

Producer 2 enters waiting room

BUILD STOPPED (total time: 5 seconds)