

### Problem statement:

Suppose if you start the consumer threads, but put all producer threads to sleep for (say) 5 seconds, then will the output of your program change? Explain briefly why it will or will not change your output of the program.

### Answer:

- If the producer threads are kept to sleep for 5 seconds, then the products are produced 5 seconds late and hence consumed late.
- The output does not change, the only difference is that gets delayed by 5 seconds.
- This can be inferred by this: Consumer cannot consume if producer did not(yet) produce.
- Line 93 can in q2.c can be uncommented to see the delay in the output due to the sleeping producers.