7.cpp

Bounded Producer / Consumer

* Little Book of  Semaphores ﻿﻿﻿ 4.1.4
* Accept three arguments form the command line
* First argument is number of producer threads
* Second argument is number of consumer threads
* Third is the size of the buffer
* You may use a vector as a buffer

Producers create widgets and put them on the buffer if there is space. Consumer eat widgets, if there is a widget to eat and remove them from the buffer.