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Project1

* Project Files
  + ProcessControlBlock.h, GenOrderList.h, PcbTable.h, ReadyQueue.h, PcbTable.cpp, ReadyQueue.cpp, main.cpp
  + Makefile
* Executable
  + project1
* Compiling on Linux

1. Copy project files with make file over to a Linux system like empress.
2. Needs C++11 support, current systems should have it with g++
3. Run command make
4. Run command ./project1
5. Test1 starts and then Test2 runs.
6. Average time should be close to 0.05 seconds

Video of running the project <https://www.youtube.com/watch?v=3shj87NpBYk>

I used a lot of linked lists. The ready queue is a priority ordered linked list that holds link lists of the ProcessControlBlock. My tests run quickly showing the average time is under 0.05 seconds. I am not sure but 50ms for 1,000,000 iterations feels fast.