**صورة تحتوي على نص, الحاسوب, حاسوب محمول, لقطة شاشة

تم إنشاء الوصف تلقائياًProgram Documentation**

**Classes and Enums:**

* **Flag: an object its works as a trigger used to communicate between classes.**
* **MemoryLimit: Limit of the memory and its 8192.**
* **ProcessingThreads: Takes processes from the ready queue and execute it.**
* **PCB: contains all data of the processes.**
* **PQueue: data structure used in SJF**
* **Queue: data structure used in FCFS & RR**
* **ReadThread: reads the file and fills the job queue and the list of the processes.**
* **TransportingThread: transporting the PCB's from job queue to ready queue.**
* **ThreadState: Enum display the state of the PCB's from create to terminate.**
* **Type\_algorithms: Enum to choose which algorithm to apply.**