input includes:

-number of processes that require execution

-process switch overhead time (time units required to switch to new process)

-

4 5 # number\_of\_processes process\_switch

1 0 6 # process\_number arrival\_time number1

1 15 400 # 1 cpu\_time io\_time

2 18 200 # 2 cpu\_time io\_time

3 15 100 # 3

4 15 400 # 4

5 25 100 # 5

6 240 # number1 cpu\_time

So there are 4 processes in this input file

In the first process, it needs 15 time units cpu time, THEN 400 units i/o time, THEN 18 units cpu time, THEN 200 i/o time, etc.

2 12 4 # process\_number arrival\_time number2

1 4 150 # 1 cpu\_time io\_time

2 30 50 # 2 cpu\_time io\_time

3 90 75 # 3

4 15 # number2 cpu\_time

3 27 4 # process\_number arrival\_time number3

1 4 400 # 1

2 810 30 # 2

3 376 45 # 3

4 652 # number3 cpu\_time

4 28 7 # process\_number arrival\_time number4

1 37 100 # 1

2 37 100 # 2

3 37 100 # 3

4 37 100 # 4

5 37 100 # 5

6 37 100 # 6

7 37 # number4 cpu\_time