

# 第十次课后作业

张祎维 2017013640 计71

## 程序代码

```
./process-cpuio-homework.py
```

## 测试样例

```
python ./process-cpuio-homework.py -l 5:30:30,5:40:30 -p
Produce a trace of what would happen when you run these processes:
Process 0
  io
  io
  yld
  cpu
  yld

Process 1
  yld
  io
  yld
  yld
  yld

Important behaviors:
  System will switch when the current process is FINISHED or ISSUES AN YIELD or IO
  After IOs, the process issuing the IO will run LATER (when it is its turn)

Time    PID: 0    PID: 1    CPU    IOs
1       RUN:io    READY    1
2       WAITING  RUN:yld   1
3       WAITING  RUN:io    1
4       WAITING  WAITING   2
5       WAITING  WAITING   2
6*      RUN:io    WAITING   1
7       WAITING  WAITING   2
8*      WAITING  RUN:yld   1
9       WAITING  RUN:yld   1
10      WAITING  RUN:yld   1
11*     RUN:yld    DONE      1
12      RUN:cpu    DONE      1
13      RUN:yld    DONE      1

Stats: Total Time 13
Stats: CPU Busy 10 (76.92%)
Stats: IO Busy 9 (69.23%)
```