Observations for proportional-share scheduler

Parent process info

- PID = 3
- Tickets = 1 (default) and then 30

Child process 1

- PID = 4
- Tickets = 20

Child process 3

- PID = 5
- Tickets = 10

```
PID: 3 Tickets : 1 Ticks : 7
PID: 3 Tickets : 1 Ticks : 8
PID: 3 Tickets : 1 Ticks : 9
PID: 3 Tickets : 1 Ticks : 10
PID: 3 Tickets : 1 Ticks : 11
PID: 3 Tickets : 30 Ticks : 41
PID: 4 Tickets : 20 Ticks : 20
PID: 5 Tickets : 10 Ticks : 10
PID: 3 Tickets : 30 Ticks : 71
PID: 4 Tickets : 20 Ticks : 40
PID: 5 Tickets : 10 Ticks : 20
PID: 3 Tickets : 30 Ticks : 101
PID: 4 Tickets : 20 Ticks : 60
PID: 5 Tickets : 10 Ticks : 30
PID: 3 Tickets : 30 Ticks : 131
PID: 4 Tickets : 20 Ticks : 80
PID: 5 Tickets : 10 Ticks : 40
PID: 3 Tickets : 30 Ticks : 161
PID: 4 Tickets : 20 Ticks : 100
PID: 5 Tickets : 10 Ticks : 50
PID: 3 Tickets : 30 Ticks : 191
PID: 4 Tickets : 20 Ticks : 120
PID: 5 Tickets : 10 Ticks : 60
PID: 3 Tickets : 30 Ticks : 221
PID: 4 Tickets : 20 Ticks : 140
PID: 5 Tickets : 10 Ticks : 70
PID: 3 Tickets : 30 Ticks : 251
PID: 4 Tickets : 20 Ticks : 160
PID: 5 Tickets : 10 Ticks : 80
PID: 3 Tickets : 30 Ticks : 256
PID: 4 Tickets : 20 Ticks : 180
PID: 5 Tickets : 10 Ticks : 90
PID: 4 Tickets : 20 Ticks : 200
PID: 5 Tickets : 10 Ticks : 100
PID: 4 Tickets : 20 Ticks : 220
PID: 5 Tickets : 10 Ticks : 110
PID: 4 Tickets : 20 Ticks : 240
PID: 5 Tickets : 10 Ticks : 120
PID: 4 Tickets : 20 Ticks : 252
PID: 5 Tickets : 10 Ticks : 130
PID: 3 Tickets : 30 Ticks : 257
PID: 5 Tickets : 10 Ticks : 140
```

Observations

The processes are run in round-robin fashion. The no. of time slices being run at one time without interrupt is equal to no. of tickets for that particular process