



- Workload: Process p0 gets forked first and then p1 gets forked.
- Observations:
 - **Rule 1:** There are 4 priority levels.
 - **Rule 2:** At time tick 98, new process p1 has higher priority which is scheduled before p0 consumes the entire time-slice.
 - **Rule 3:** At time tick 290, p1 exits and p0, as the highest level process, is scheduled immediately.
 - **Rule 5:** The time-slice of priority 0 and 1 is 5 timer ticks, 10 ticks for priority 2 and 20 for priority 3.
 - **Rule 6:** New process (p0 and p1) starts at priority 0;
 - **Rule 8:** At priorities 0, 1, and 2, after the process consumes its entire timeslice, it gets downgraded. After p1 gets downgraded to the lowest level, p0 and p1 start running in the Round Robin fashion.