

### 3.3

The prcputot before context switch has the same amount of time for each identical process. CPU bound processes will take up all of the quantum time and will get demoted. IO bound process will not be in current state and will yield to other processes.

The null process will only run if there is no ready process left as the only time the round robin will work if process has priority 0 and xts\_enqueue inserts at the head so the null process will always be last in queue.

#### Bonus

The cputot times for the different priority have no significant changes.

#### Reg

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