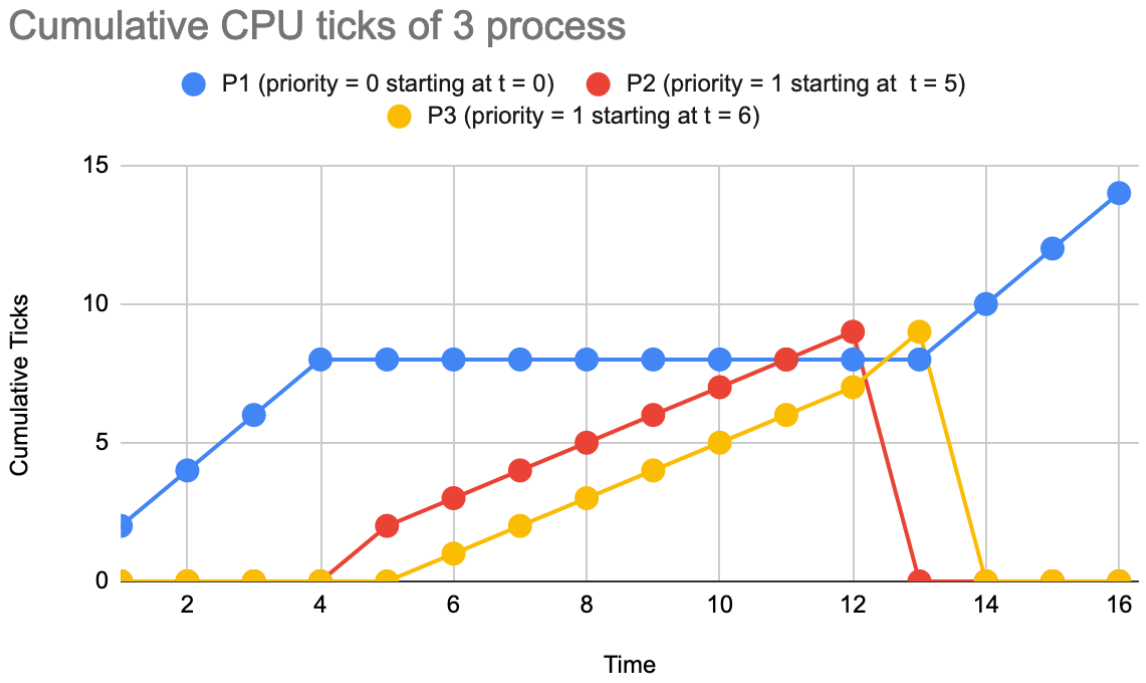
Priority Scheduling



In the above graph, p1 is a low priority task starting at time t=0 which continues its execution until time t=4 when process p2 and p3 whose priority=1 arrive. Since process p1 has a lower priority when compared to p2 and p3, p1 process cumulative ticks remain constant from t= 4 to t=14. However process p2 and p3 cumulative ticks increase with the same slope since these processes have the same priority and both these are getting executed in a round robin fashion. From time t=14 process p1 again starts executing which can be observed since cumulative ticks increase.