

The diagram illustrates a scheduling process over 10 time units. The tasks and their durations are as follows:

Task ID	Color	Duration
0	Grey	1
1	Purple	1
2	Grey	1
3	Grey	1
4	Blue	1
5	Orange	1
6	Blue	1
7	Red	1
8	Blue	1
9	Blue	1
10	Green	1

The timeline shows the execution of these tasks. The brown line represents the number of tasks running at any time, and the pink line represents the number of tasks waiting. The dashed line separates the running and waiting states.

20.0

Timestamp (125MHz FPGA clock ticks)