

# Simulation of Scheduling in Real-Time Systems Model: generatedTasks

Table 1: Tasks

Task number	Arrival Time	Execution Time	Deadline	Period
1	2	39	117	117
2	3	60	180	180
3	0	56	168	168
4	0	69	207	Aperiodic
5	6	137	411	Aperiodic
6	0	82	246	Aperiodic
7	0	18	54	Aperiodic

Table 2: Average Turnaround Times

Task	Average Turnaround Time
1	55
2	170
3	113
4	No Value
5	No Value
6	No Value
7	18
Total Average Turnaround Time	89

Table 3: Simulation Results in Numbers

CPU Idle Time	0
Number of Deadlines reached	4
Number of Deadlines missed	0
Number of Completed tasks	4
Number of Tasks	7

Table 4: Simulation Results in Percentage

CPU Idle Time	0%
Deadlines missed	0 %
Completed tasks	57.1429%



