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	0	61	183	183
3	4	39	117	Aperiodic
4	5	61	183	Aperiodic

Table 2: Average Turnaround Times

Task	Average Turnaround Time
1	39
2	139
3	76
4	195
Total Average Turnaround Time	112.25

Table 3: Simulation Results in Numbers

CPU Idle Time	0
Number of Deadlines reached	3
Number of Deadlines missed	1
Number of Completed tasks	4
Number of Tasks	4

Table 4: Simulation Results in Percentage

CPU Idle Time	0%
Deadlines missed	25%
Completed tasks	100%