RTAES
Numerical Examples (Aperiodic Servers: 22 DEC 2022)

1. Consider two periodic tasks with computation times $C_1 = 1$, $C_2 = 2$ and periods $T_1 = 5$, $T_2 = 8$, handled by Rate Monotonic. Show the schedule produced by a Polling Server, having maximum utilization and intermediate priority, on the following aperiodic jobs (consider the max utilization as 33% and capacity $C_S = 2$):

	a_i	C_i
J_1	2	3
J_2	7	1
J_3	17	1

2. Solve the same scheduling problem described in Exercise 1, with a Sporadic Server having maximum utilization and intermediate priority (consider the max utilization as 33% and $C_S = 2$).