

CSE 456 Embedded Systems

Spring 2019

Due: May. 30th

1. Earliest Deadline First (EDF)

In the following table, five tasks with arrival times, execution times and deadlines are given. Determine the Earliest Deadline First (EDF) schedule.

	J1	J2	J3	J4	J5
a_i	0	2	0	8	13
C_i	3	1	6	2	3
d_i	16	7	8	11	18

2. Latest Deadline First (LDF)

Given the precedence graph in Figure 1 and the following table of task execution times and deadlines, determine the Latest Deadline First (LDF) schedule.

	J_1	J_2	J_3	J_4	J_5	J_6	J_7	J_8
C_i	3	4	2	3	3	2	2	1
D_i	5	8	11	15	12	18	19	20

