Angrange All jobs in decreasing conder of Profit. (nlogn)

For each job(mi), do linear search to find particular slot in array of size (n), where n= maximum deadline m= total jobs

mn

n² O(n²)

Nxm

Job Sequencing with Deadlines

$$N=7$$

Jobs J₁ J₂ J₃ J₄ J₅ J₆ J₇

profits 35 30 25 20 15 12 5

deadlines 3 4 4 2 3 1 2

 $0\overline{)}$
 $0\overline{$