Name: Minh Khai Tran

zID: z5168080

Question 4:

* First, we need to sort all the jobs in decreasing order of profit.
* Let’s define a time frame from 0 to the greatest deadline called
* Now, we loop through the list of sorted jobs:
  + At each job with deadline :
    - We try to schedule that job at an available time slot in the at , so that , this takes time.
    - Put that job in that time slot and mark that time slot as occupied.
    - Continue doing this until we reach the end of the list of sorted jobs.
* Eventually, we got the subset of jobs that maximise the profit.
* Time complexity is