n = int(input("Enter number of jobs: "))

jobs = []

print("Enter Id deadline and profit respectively for each job:")

for i in range(n):

job = input("Job " + str(i+1) + ": ").split()

jobs.append(job)

sorter = lambda job: int(job[2])

jobs = sorted(jobs, key=sorter, reverse=True)

scheduled = []

time = 0

for i in jobs:

if time <= int(i[1]):

scheduled.append(i[0])

time += 1

print("Jobs are scheduled as: ")

print(scheduled)

**OUTPUT**

Enter number of jobs: 5

Enter Id deadline and profit respectively for each job:

Job 1: 1 5 30

Job 2: 2 3 60

Job 3: 3 4 20

Job 4: 4 2 70

Job 5: 5 6 40

Jobs are scheduled as:

['4', '2', '5', '1', '3']

=== Code Execution Successful ===