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Programiz
Python Online Compiler

Interactive Python Course

main.py

Run

```
#Bharath K B
def job_scheduling(n, jobs):
    jobs.sort(key=lambda x: x[2], reverse=True)
    result = [0, 0]
    end_time = 0
    for i in range(n):
        if jobs[i][0] >= end_time:
            result[0] += 1
            result[1] += jobs[i][2]
            end_time = jobs[i][1]
    return result

n = int(input("Enter the number of Jobs: "))
jobs = []
for i in range(n):
    start_time = int(input("Enter job start time: "))
    end_time = int(input("Enter job end time: "))
    profit = int(input("Enter job profit: "))
    jobs.append([start_time, end_time, profit])

```

Shell

Clear

```
Enter the number of Jobs: 3
Enter job start time: 0900
Enter job end time: 2100
Enter job profit: 1000
Enter job start time: 1000
Enter job end time: 2200
Enter job profit: 2000
Enter job start time: 1100
Enter job end time: 2300
Enter job profit: 3000
The number of tasks and earnings available for others
Tasks: 2
Earnings: 3000
>
```

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