

```
def process_file(file_name):  
    with open(file_name, "r") as dataf:  
        list0 = [line.strip().split(",") for line in dataf.readlines()]
```

```
    for i in range(len(list0)):  
        list0[i][1] = list0[i][1].strip("\n")  
        list0[i][1] = int(list0[i][1])
```

```
    batlist = [[i[0], i[1]] for i in list0]
```

```
    for i in range(0, n):  
        for j in range(0, n):  
            if batlist[i][1] == batlist[j][1] and batlist[i][0] < batlist[j][0]:  
                batlist[i][0], batlist[j][0] = batlist[j][0], batlist[i][0]  
            elif batlist[i][1] > batlist[j][1]:  
                batlist[i], batlist[j] = batlist[j], batlist[i]
```

```
    for i in batlist:  
        print(f"{i[0]}, {i[1]}")
```

```
process_file("ind.txt")  
process_file("rsa.txt")
```

```
1 def process_file(file_name):
2     with open(file_name, "r") as dataf:
3         list0 = [line.strip().split(",") for line in dataf.readlines()]
4
5     for i in range(len(list0)):
6         list0[i][1] = list0[i][1].strip("\n")
7         list0[i][1] = int(list0[i][1])
8
9     batlist = [[i[0], i[1]] for i in list0]
10
11    for i in range(11):
12        for j in range(11):
13            if batlist[i][1] == batlist[j][1] and batlist[i][0] < batlist[j][0]:
14                batlist[i], batlist[j] = batlist[j], batlist[i]
15            elif batlist[i][1] > batlist[j][1]:
16                batlist[i], batlist[j] = batlist[j], batlist[i]
17
18    for i in batlist:
19        print(f"{i[0]}, {i[1]}")
20
21 process_file("ind.txt")
22 process_file("rsa.txt")
```

1	Rohit,40
2	Shubman,23
3	Kohli,101
4	Shreyas,77
5	Rahul,8
6	Suryakumar,22
7	Jadeja,29
8	Shami,0
9	Bumrah,0
10	Kuldeep,0
11	Siraj,0

1	Quinton,5
2	Temba,11
3	Rassie,13
4	Aiden,9
5	Heinrich,1
6	David,11
7	Marco,14
8	Keshav,7
9	Kahiso,6
10	Lungi,0
11	Tabraiz,4

```
● PS D:\IIITD\ - Monsoon 2023 - Semester 1\CSE101 - IP - Introduction to Programming\End Sem Codes> & C:/Users/Animi/AppData/Local/Microsoft/WindowsApps/python3.11.exe "d:/IIITD/ - Monsoon 2023 - Semester 1/CSE101 - IP - Introduction to Programming/End Sem Codes/2.py"
Kohli,101
Shreyas,77
Rohit,40
Jadeja,29
Shubman,23
Suryakumar,22
Rahul,8
Bumrah,0
Kuldeep,0
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Keshav,7
Kahiso,6
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Tabraiz,4
Heinrich,1
Lungi,0
○ PS D:\IIITD\ - Monsoon 2023 - Semester 1\CSE101 - IP - Introduction to Programming\End Sem Codes>
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