

File Edit Selection View Go Run Terminal Help

shorted\_data\_using\_dictionary.py - 5th lab - Visual Studio Code

shorted\_data\_using\_dictionary.py U X

shorted\_data\_using\_dictionary.py > ...

```
1 stu_data = dict()
2
3 file = open("Student.csv", "w")
4
5 file.write("Name,Mark\n")
6 num = int(input("How many Student : "))
7 for i in range(num):
8     name = input("Name : ")
9     mark = int(input("Mark : "))
10    file.write(f"{name},{mark}\n")
11    stu_data[name] = mark
12    file.close()
13
14 with open('Student.csv', 'r') as file:
15     lines = file.readlines()
16
17 header = lines[0]
18 data = [line.strip().split(',') for line in lines[1:]]
19
20 sorted_data = sorted(data, key=lambda x: int(x[1]))
21
22 with open('sorted_data.csv', 'w') as file:
23     file.write(header)
24     for row in sorted_data:
25         file.write(f"{row[0]}, {row[-1]} \n")
26
27 print(stu_data)
28 print("Data has been sorted successfully.")
29
30
31
32
33
```

Student.csv U X

Student.csv

```
1 Name,Mark
2 Golam Rabby,34
3 Shahed,75
4 Abdullah,87
5 Asif,55
6 Robi,23
7
```

sorted\_data.csv U X

sorted\_data.csv

```
1 Name,Mark
2 Robi, 23
3 Golam Rabby, 34
4 Asif, 55
5 Shahed, 75
6 Abdullah, 87
7
```

G:\Windows\System32\cmd.exe

J:\DUJET\_2nd\_yr\_1st\_sem\Book\Z\_\_\_lab\_manual\Programming\Task\5th Lab\python shorted\_data\_usei
ng dictionary.py
How many Student : 5
Name : Golam Rabby
Mark : 34
Name : Shahed
Mark : 75
Name : Abdullah
Mark : 87
Name : Asif
Mark : 55
Name : Robi
Mark : 23
{'Golam Rabby': 34, 'Shahed': 75, 'Abdullah': 87, 'Asif': 55, 'Robi': 23}
Data has been sorted successfully.
J:\DUJET\_2nd\_yr\_1st\_sem\Book\Z\_\_\_lab\_manual\Programming\Task\5th Lab>

main 0.1h 0.0 AWS

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