

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

sorted_data.csv U X

Student.csv U X

sorted_data.csv U X

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

sorted_data.csv
1 Name,Mark
2 Robi, 23
3 Golam Rabbay, 34
4 Shahed, 75
5 Abdullah, 87
6 Asif, 55
7
8

Student.csv
1 Name,Mark
2 Golam Rabbay, 34
3 Shahed, 75
4 Abdullah, 87
5 Asif, 55
6 Robi, 23
7

sorted_data.csv
1 Name,Mark
2 Robi, 23
3 Golam Rabbay, 34
4 Asif, 55
5 Shahed, 75
6 Abdullah, 87
7

GVWindowsSystem2cmd.exe

J:\DUET_2nd_yr_1st_sem\Book\Z___lab_manual\Programming\Task\5th lab\python shorted_data_usi
ng_dictionary.py
How many Student : 5
Name : Golam Rabbay
Mark : 34
Name : Shahed
Mark : 75
Name : Abdullah
Mark : 87
Name : Asif
Mark : 55
Name : Robi
Mark : 23
{'Golam Rabbay': 34, 'Shahed': 75, 'Abdullah': 87, 'Asif': 55, 'Robi': 23}
Data has been sorted successfully.

J:\DUET_2nd_yr_1st_sem\Book\Z___lab_manual\Programming\Task\5th lab>

main 0.11 0.0.0 AWS

Ln 16, Col 1 Spaces: 4 UTF-8 CRLF Python 3.10.1 64-bit Premier