Lab 2 q2 code

```
topdown.py - lab 2 ass - Visual Studio Code
    File Edit Selection View Go Run Terminal Help
                                                                                                                                 ▷ ~ □ …
                                                    topdown.py X 🖹 test.csv
                                                                                     e test.py
EXPLORER
                                    e sort.py
                                    topdown.py > [4] csvfile
     ∨ OPEN EDITORS
                                           import csv
          e sort.py
                                           with open('test.csv', newline='') as csvfile:
        X 🔁 topdown.py
                                               rdr = csv.reader(csvfile)
          x test.csv
                                               1 = sorted(rdr, key=lambda x: x[7], reverse=True)
          est.py
                                               print("top 20% are ")

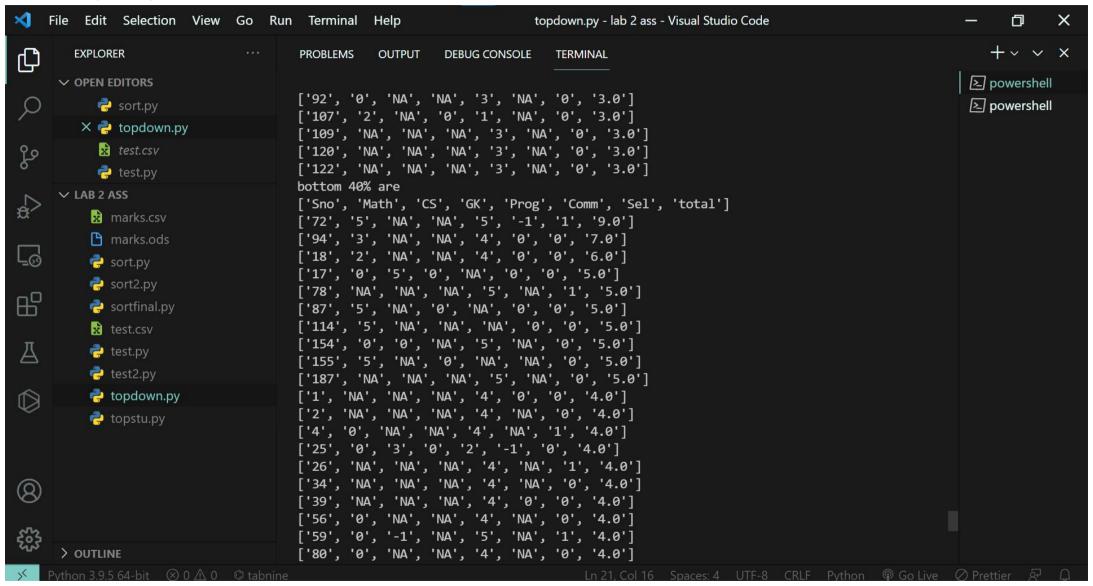
✓ LAB 2 ASS

                                               countertop20=(200*20)/100
         marks.csv
                                                counterlest40=(200*40)/100
         marks.ods
                                               u=0
d=counterlest40
         e sort.py
         sort2.py
                                               for i in 1:
B
         ? sortfinal.py
                                                    if u!=countertop20:
         test.csv
Д
         etest.py
                                                        print(i)
         etest2.py
                                                        u+=1
                                               print("bottom 40% are ")
         topdown.py
                                               for i in 1:
         e topstu.py
                                                    if d!=0:
                                                        print(i)
                                      21
                                                        d-=1
       OUTLINE
```

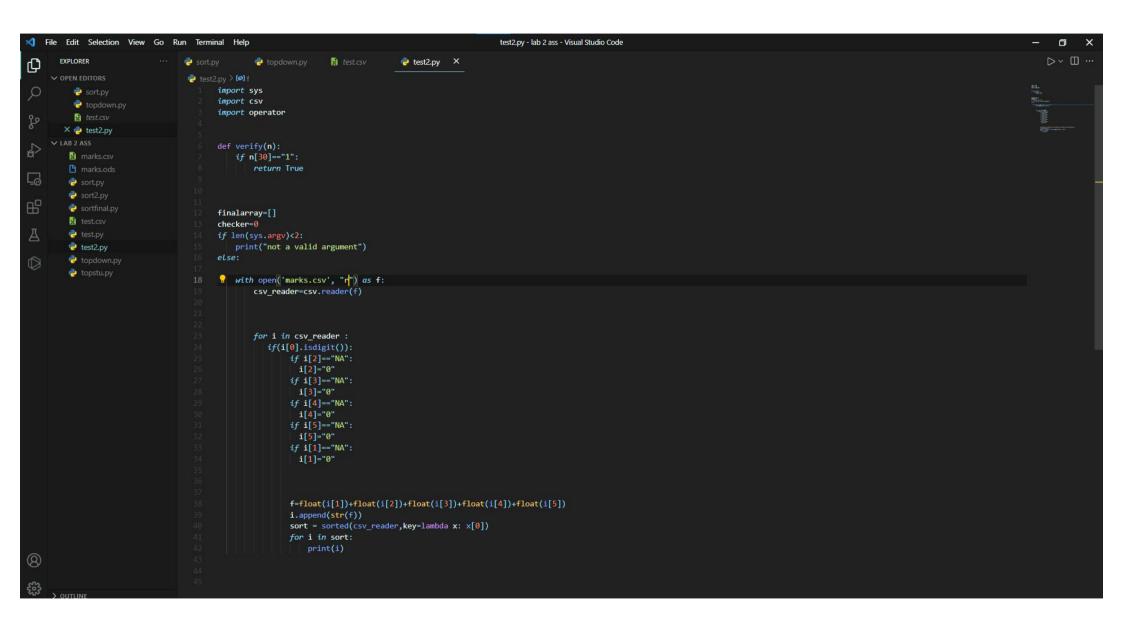
lab 2 q2 output

×1	File Edit Selection View Go R	topdown.py - lab 2 ass - Visual Studio Code	- 🗇 X
C	EXPLORER	PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL	+
	✓ OPEN EDITORS		≥ powershell
Q	🕏 sort.py	top 20% are	≥ powershell
	🗙 🕏 topdown.py	['Sno', 'Math', 'CS', 'GK', 'Prog', 'Comm', 'Sel', 'total'] ['72', '5', 'NA', 'NA', '5', '-1', '1', '9.0']	
ှိ	test.csv	['94', '3', 'NA', 'NA', '4', '0', '0', '7.0']	
0	🔁 test.py	['18', '2', 'NA', 'NA', '4', '0', '0', '6.0']	
N	∨ LAB 2 ASS	['17', '0', '5', '0', 'NA', '0', '0', '5.0'] ['78', 'NA', 'NA', 'NA', '5', 'NA', '1', '5.0']	
₩.	🕏 marks.csv	['87', '5', 'NA', '0', 'NA', '0', '0', '5.0']	
	marks.ods	['114', '5', 'NA', 'NA', 'NA', '0', '0', '5.0']	
<u> </u>	🕏 sort.py	['154', '0', '0', 'NA', '5', 'NA', '0', '5.0'] ['155', '5', 'NA', '0', 'NA', 'NA', '0', '5.0']	
-0	🥏 sort2.py	['187', 'NA', 'NA', 'NA', '5', 'NA', '0', '5.0']	
	sortfinal.py	['1', 'NA', 'NA', 'A', '4', '0', '0', '4.0']	
	test.csv	['2', 'NA', 'NA', 'NA', '4', 'NA', '0', '4.0'] ['4', '0', 'NA', 'NA', '4', 'NA', '1', '4.0']	
Д	test.py	['25', '0', '3', '0', '2', '-1', '0', '4.0']	
	test2.py	['26', 'NA', 'NA', 'A', '4', 'NA', '1', '4.0']	
	topdown.py	['34', 'NA', 'NA', 'NA', '4', 'NA', '0', '4.0'] ['39', 'NA', 'NA', 'A', '4', '0', '0', '4.0']	
26.0	🔁 topstu.py	[39 , NA , NA , 4 , 6 , 6 , 4.6] ['56', '0', 'NA', 'NA', '4', 'NA', '0', '4.0']	
		['59', '0', '-1', 'NA', '5', 'NA', '1', '4.0']	
		['80', '0', 'NA', 'NA', '4', 'NA', '0', '4.0']	
8		['90', 'NA', 'NA', 'NA', '4', 'NA', '0', '4.0'] ['127', '0', 'NA', 'NA', '4', 'NA', '0', '4.0']	
		['156', 'NA', 'NA', 'A', 'NA', '0', '4.0']	
503	N OUTUNE	['158', '0', '0', '4', 'NA', '0', '4.0']	
	OUTLINE	['163', 'NA', 'NA', '0', '4', 'NA', '0', '4.0']	

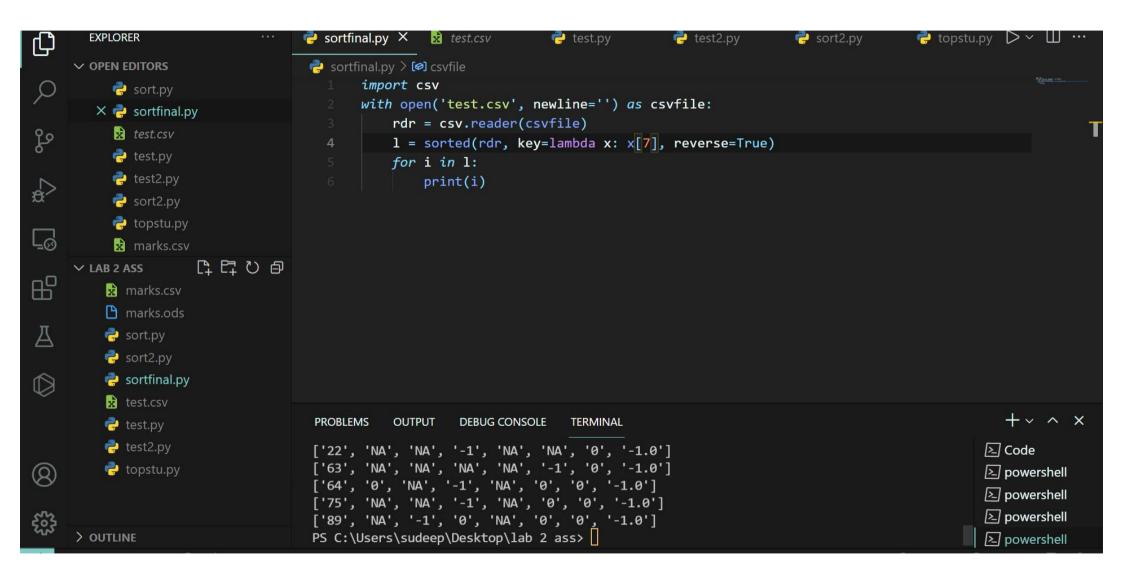
lab 2 q2 output



lab 2 q1 to code to add extra total marks collum in csv file



lab 2 q1 code for sorting new csv file



lab2 q1 output

