

Q1. File Name: Rank List

Write a program to sort school student total and print their ranks in ascending order using class and objects. If 2 or more students have the same total, their rank should be same, however the following student shall have the rank which is the count after the number of students who scored same total. For example,

Raj	490
Kamal	400
Mohammed	490
Rajini	350
John	490

Should be printed as:

Raj	490	1
John	490	1
Mohammed	490	1
Kamal	400	4
Rajini	350	5

Q2. Merging Files

Example:

Input CSV file1:

RollNo	Name	Email	MobileNo
15MCA01	Raja	Raja@gmail.com	8529637410
15MCA02	Siva	Siva@gmail.com	7894561230
15MCA03	Mani	Mani@gmail.com	7410852963
15MCA04	Karthik	Karthik@gmail.com	3698521470
15MCA05	Sandy	Sandy@gmail.com	9875643210

Input CSV file2:

RollNo	Name	Father Name	City	State
15MCA01	Raja	Samy	Tirupur	Tamil nadu
15MCA02	Siva	Palani	Ramanathapuram	Tamil nadu
15MCA03	Mani	Muthu	Salem	Tamil nadu
15MCA04	Karthik	Kamal	Thanjavur	Tamil nadu
15MCA05	Sandy	Rajini	bangalore	Karnataka

Output:

RollNo	Name	Email	MobileNo	Father Name	City	State
15MCA01	Raja	Raja@gmail.com	8529637410	Samy	Tirupur	Tamil nadu
15MCA02	Siva	Siva@gmail.com	7894561230	Palani	Ramanathapuram	Tamil nadu
15MCA03	Mani	Mani@gmail.com	7410852963	Muthu	Salem	Tamil nadu
15MCA04	Karthik	Karthik@gmail.com	3698521470	Kamal	Thanjavur	Tamil nadu
15MCA05	Sandy	Sandy@gmail.com	9875643210	Rajini	bangalore	Karnataka

Q3.

- Collect the list of colleges with the courses offered, the minimum marks required to apply for each course and the number of seats available
- When the course name is given as input it shall output the list of colleges offering that particular course, minimum marks required and the number of seats available
- When the mark is given as input it shall output the list of applicable colleges, the applicable courses and the number of seats available

Your class structure shall be like

College Name	Courses offered	Minimum marks required	No.of.seats available
Kalam	Computer science	80	10
	Physics	75	8
	Chemistry	75	7
Anna	Maths	90	11
	Tamil	80	5
	English	75	2