

Campus Connect @ SDMCET

Below Business requirements are from Shivanagowda GM. This is a transition project from PF to RDBMS. Accomplishing this project would help the students in realizing objectives the PF deeply and the concepts will be more appealing when start with RDBMS.

Students are asked to follow all the coding standards (Organizing code into multiple files, file header, function headers, naming variables and functions, documenting important and complex statements etc.) taught in PF course.

Submission of the project

- ✓ Last date is **11th Feb 2008**
- ✓ Students have to send the source files (do not zip) as **attachments** through e-mail to the ID as below
creatines@gmail.com
- ✓ The subject of the e-mail should be
“PF - Project for Batch 2 FP –2009”
- ✓ Body of the e-mail should have names and USNs of the students who have involved in the project.

PF - Project for Batch 2 FP -2009

A Teacher is maintaining his students information in his lap top in two different files, like “student_infor.txt” and “student_marks.txt”, he assess the students thrice a semester and stores their marks in “student_marks.txt”, finally calculates the average of best of two assessments and puts toppers list on the department notice board. Some times students, their parents and his HOD ask him question like what was my marks in second assessment, what is my daughter’s marks in the recent tests, has she improved compare to the previous one, How many students have scored below 15 in first assessment. Help the Teacher with a program, so that he can answer these questions quickly to them. For some

reason the teacher is **not at all** ready to change the format of the data in the files and he is not agreeing to merge the data into single file. Below are samples of the data from those files,

student_infor.txt

2SD05CS003 MISS ANNAPOORNA C H	08362223223
2SD05CS005 MISS ANURADHA S H	99872351639
2SD05CS009 BHAGYASHREE JOSHI	0818234567
2SD05CS011 BHARAT B	01163524387
2SD05CS012 MISS BHARATI MENDIGERI	08012648255
2SD05CS013 CHANNA BASAVARAJ ANGADI	09876556567
2SD05CS015 CHETAN ROKHADE	08362222223
2SD05CS017 DILIP NAIK	99872351639
2SD05CS018 MISS DIVYA M	0818234567
2SD05CS021 MISS GEETA TOTIGER	01163524387
2SD05CS024 HANAMANT YADAHALLI	08012648255
2SD05CS026 HARSHA YADAPPANAVAR	09876556567
2SD05CS030 KIRAN KULKARNI	08362332222

student_marks.txt

2SD05CS003	16	22
2SD05CS005	12	AB
2SD05CS009	23	25
2SD05CS011	21	10
2SD05CS012	19	01
2SD05CS013	22	AB
2SD05CS015	AB	20
2SD05CS017	25	09
2SD05CS018	10	12
2SD05CS021	01	23
2SD05CS024	17	21
2SD05CS026	20	19
2SD05CS030	09	22