

Student Result

Problem Statement

Given tables represent the marks scored by engineering students.

Create a report to display the following results for each student. Information given below –

- student_id, student_name, percentage of all marks
- Failed subjects (must be comma separated values in case of multiple failed subjects)
- Result (if percentage $\geq 70\%$ then 'First Class', if $\geq 50\%$ & $\leq 70\%$ then 'Second class', if $\leq 50\%$ then 'Third class else 'Fail'. The result should be Fail if a student's fails in any subject irrespective of the percentage marks)
- The sequence of subjects in student_marks table match with the sequential id from subjects' table.
- Students have the option to choose either 4 or 5 subjects only.

STUDENTS	
ROLL_NO	NAME
2GR5CS011	Maryam
2GR5CS012	Rose
2GR5CS013	Alice
2GR5CS014	Lilly
2GR5CS015	Anna
2GR5CS016	Zoya

STUDENT_MARKS						
STUDENT_ID	SUBJECT1	SUBJECT2	SUBJECT3	SUBJECT4	SUBJECT5	SUBJECT6
2GR5CS011	75		56	69	82	
2GR5CS012	57	46	32	30		
2GR5CS013	40	52	56		31	40
2GR5CS014	65	73		81	33	41
2GR5CS015	98		94		90	20
2GR5CS016		98	98	81	84	89

SUBJECTS		
ID	NAME	PASS_MARKS
S1	Mathematics	40
S2	Algorithms	35
S3	Computer Networks	35
S4	Data Structure	40
S5	Artificial Intelligence	30
S6	Object Oriented Programming	35

Output

EXPECTED OUTPUT				
STUDENT_ID	NAME	PERCENTAGE_MARKS	FAILED_SUBJECTS	RESULT
2GR5CS011	Maryam	70.5	-	First Class
2GR5CS012	Rose	41.25	Computer Networks, Data Structure	Fail
2GR5CS013	Alice	43.8	-	Third Class
2GR5CS014	Lilly	58.6	-	Second Class
2GR5CS015	Anna	75.5	Object Oriented Programming	Fail
2GR5CS016	Zoya	90	-	First Class

END OF FILE