

Faculty of Computing
Sabaragamuwa University of Sri Lanka
SE6104 - Advanced Database Management Systems
In Class Assignment

Question 01

1. Write the SQL queries to construct the following table and insert data into the table

Student_Marks

Student_ID	Math	Science	English
S102	78	81	81
S103	91	69	84
S104	84	83	67

2. Create a temporary table called TOTAL_S to store the Student_ID and the total marks of the students.
3. Create a temporary table to store Student_ID numbers of the students where the total marks are lower than the average of total marks.
4. Write SQL queries to rename the TOTAL_S table. The new name should be NEW_TOTAL
5. Write SQL queries to remove the NEW_TOTAL temporary table from the database.
6. Write a MySQL stored function that prompts the user to input the Student_ID. The function should output the average mark of the given student.
7. Write SQL queries to get information about the MySQL stored function created in Question (2).

Question 02

1. Consider the following table **STUDENTS** and answer the questions given below:

SID	Name	Subject	Attendance (%)
S1	Kasun	DM	50
S2	Pasan	DBMS	100
S3	Roshan	SP	30
S4	Gayan	OOP	85

- a) Write down a MySQL stored procedure to get the first record of the above relation.
- b) Create a stored procedure that allow user to pass the SID as parameter and the procedure should display the eligibility of each student for the exam according to the following conditions:

Eligibility	Condition
Eligible	Attendance > 79
Eligible with Condition	79 >= Attendance >= 50
Not Eligible	Attendance < 50