

MySQL Assignment – SQL Commands Practice

Part A – Practical Questions

Q1. Create a database named `SchoolDB`. Inside it, create a table `Students` with the following columns:

- `StudentID` (INT, Primary Key)
- `Name` (VARCHAR(50), NOT NULL)
- `Class` (VARCHAR(10))
- `Marks` (INT)

Q2. Insert the following records into the `Students` table:

StudentID	Name	Class	Marks
1	Aman Gupta	X-A	85
2	Priya Sharma	X-B	92
3	Rohan Mehta	X-A	76
4	Simran Kaur	X-C	89

Q3. Write an SQL query to select all students who scored more than 80 marks.

Q4. Write an SQL query to add a new column `Age` (INT) to the `Students` table.

Q5. Modify the column `Name` so that it can store up to 100 characters instead of 50.

Q6. Update the `Marks` of the student with `StudentID = 3` to **80**.

Q7. Write an SQL query to display the names and marks of students in descending order of marks.

Part B – Multiple Choice Questions (MCQs)

Q8. Which of the following SQL statements is used to change the structure of an existing table?

- a) MODIFY TABLE
- b) ALTER TABLE
- c) UPDATE TABLE
- d) CHANGE TABLE

Q9. Which SQL command is used to insert new data into a table?

- a) ADD
- b) UPDATE
- c) INSERT INTO
- d) APPEND

Q10. Which SQL command is used to change existing data in a table?

- a) CHANGE
- b) UPDATE
- c) MODIFY
- d) ALTER

Part C – Create 2 Query-Based Questions on Commands

Q11. Create a table `Library` with columns: `BookID` (INT, Primary Key), `Title` (VARCHAR(100)), `Author` (VARCHAR(50)), `Price` (DECIMAL(6,2)). Insert 3 records of your choice.

Q12. In the `Library` table:

- Add a new column `PublishedYear` (YEAR).
- Modify the column `Author` to store up to 80 characters.
- Update the price of the book with `BookID = 2` to **499.99**.