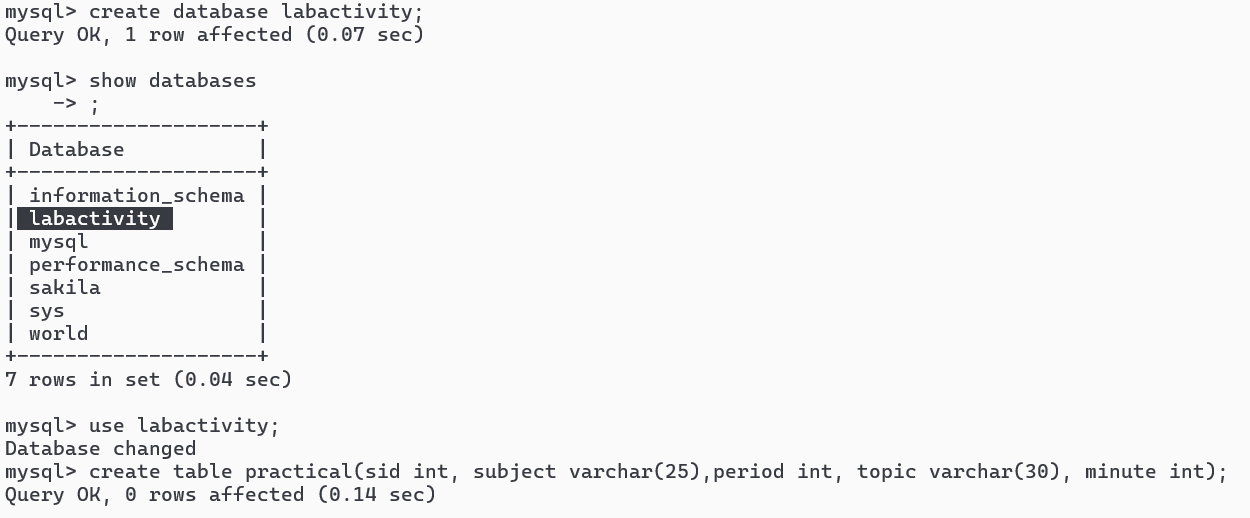
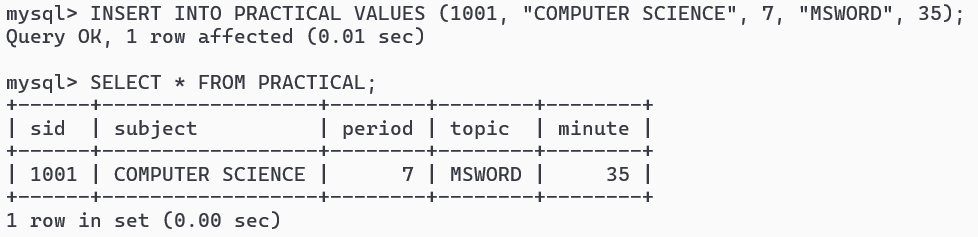
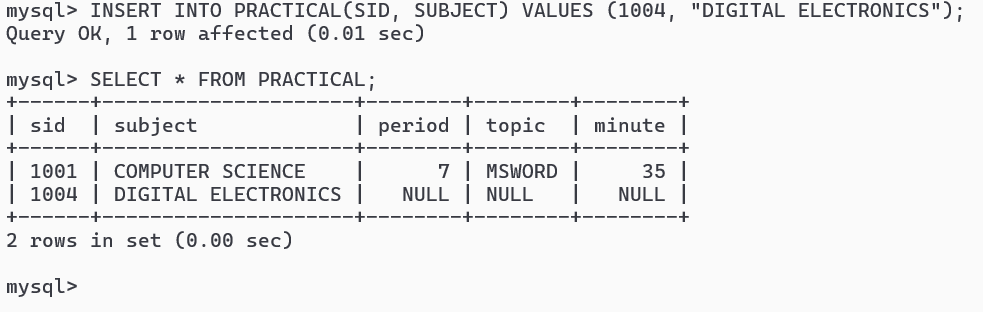
# Practical 1: Creating a Database



# Practical 2: Insert Records into Table

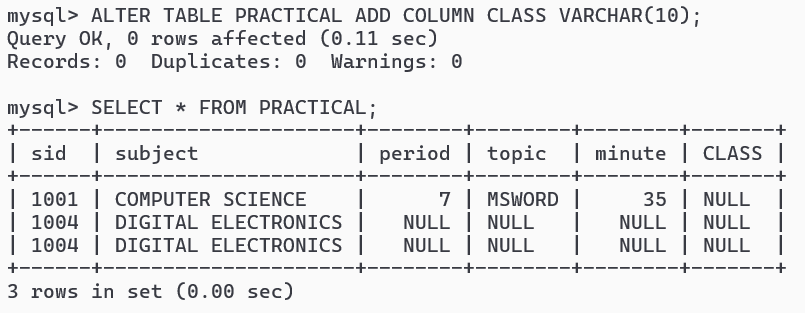
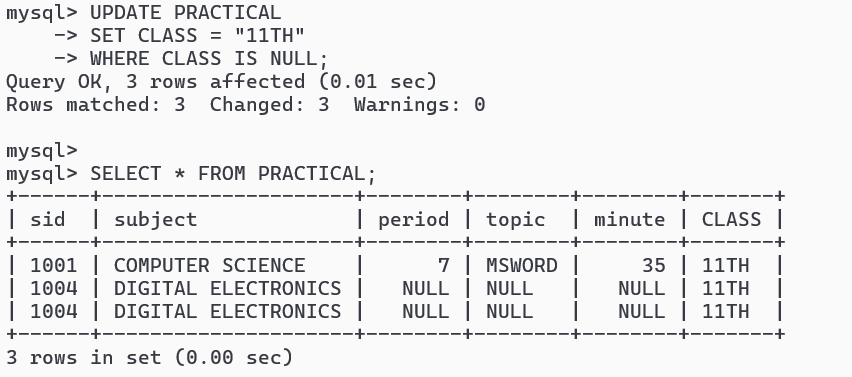
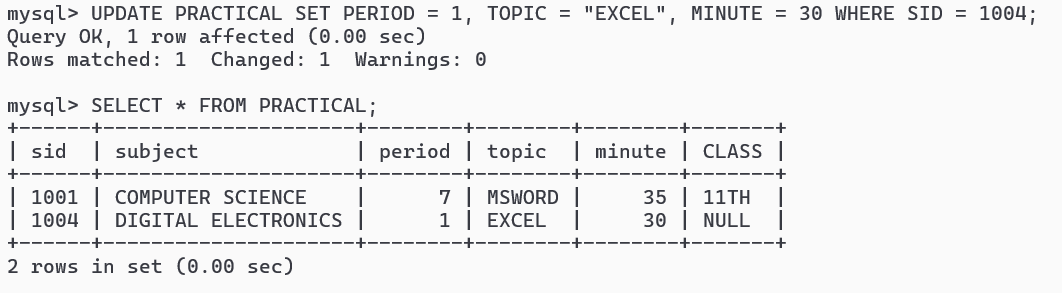


**Program 3: Insert Partial Data**



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| Practical 1: Create Database and Table | Chapter 05: Basic Concepts of Database Management System |
|  | CREATE DATABASE LABACTIVITY;SHOW DATABASES;USE LABACTIVITY;CREATE TABLE PRACTICAL ( SID INT, SUBJECT VARCHAR(25), PERIOD INT, TOPIC VARCHAR(30), MINUTE INT ); |
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|  | Practical 2: Insert Records into Table |
| INSERT INTO PRACTICAL VALUES (1001, "COMPUTER SCIENCE", 7, "MSWORD", 35);SELECT \* FROM PRACTICAL;INSERT INTO PRACTICAL VALUES (1002, "IT/ITES", 4, "PAINT", 20),(1003, "COMPUTER APPLICATION", 2, "PYTHON", 38);SELECT \* FROM PRACTICAL; |  |
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|  | **Program 3: Insert Partial Data** |
| INSERT INTO PRACTICAL(SID, SUBJECT) VALUES (1004, "DIGITAL ELECTRONICS");SELECT \* FROM PRACTICAL; |  |
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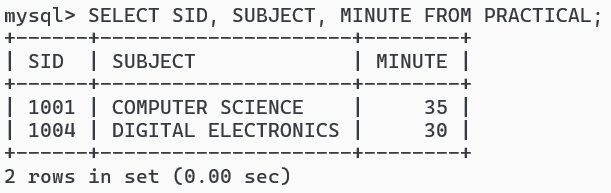
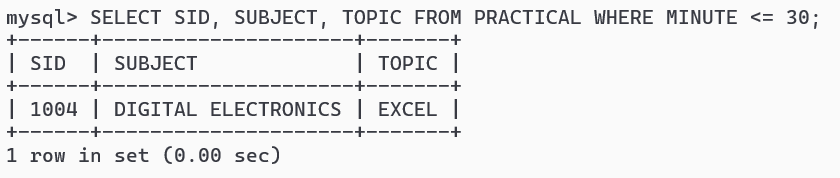
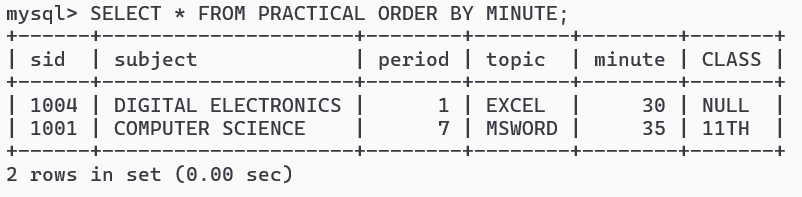
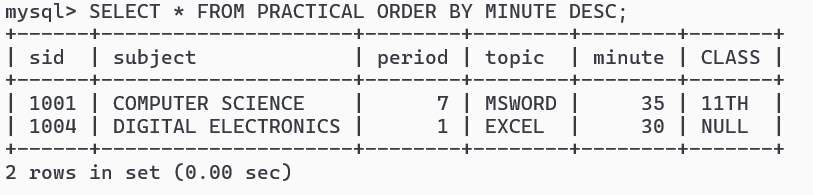
# Practical 4: Alter Table and Add Column



# Practical 6: Update Specific Row

# Practical 5: Update Data with Condition

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| Practical 4: Alter Table and Add Column | Chapter 05: Basic Concepts of Database Management System |
|  | 11. ALTER TABLE PRACTICAL ADD COLUMN CLASS VARCHAR(10);12. SELECT \* FROM PRACTICAL; |
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| Practical 5: Update Data with Condition |  |
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|  | 13. UPDATE PRACTICAL SET CLASS = "11TH" WHERE CLASS IS NULL;  14. SELECT \* FROM PRACTICAL; |
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|  | Practical 6: Update Specific Row |
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|  | 15. UPDATE PRACTICAL SET PERIOD = 1, TOPIC = "EXCEL", MINUTE = 30 WHERE SID = 1004;  16. SELECT \* FROM PRACTICAL; |
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# Practical 10: Sort Records by Minute Descending

# Practical 9: Sort Records by Minute Ascending

# Practical 8: Conditional Data Retrieval

# Practical 7: Display Selected Columns

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|  | Chapter 05: Basic Concepts of Database Management SystemPractical 7: Display Selected Columns |
|  | 17. SELECT SID, SUBJECT, MINUTE FROM PRACTICAL; |
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| Practical 8: Conditional Data Retrieval |  |
|  | 18. SELECT SID, SUBJECT, TOPIC FROM PRACTICAL WHERE MINUTE <= 30; |
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| Practical 9: Sort Records by Minute Ascending |  |
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|  | 19. SELECT \* FROM PRACTICAL ORDER BY MINUTE; |
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|  | Practical 10: Sort Records by Minute Descending |
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|  | 20. SELECT \* FROM PRACTICAL ORDER BY MINUTE DESC; |
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