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mysql> CREATE TABLE Students (
->     RollNo INT PRIMARY KEY,
->     Name VARCHAR(50) NOT NULL,
->     Gender CHAR(1) CHECK (Gender IN ('M', 'F')),
->     DOB DATE,
->     Email VARCHAR(100) UNIQUE
-> );
Query OK, 0 rows affected (0.04 sec)

mysql>
mysql> -- Insert sample data (inputs)
mysql> INSERT INTO Students (RollNo, Name, Gender, DOB, Email)
-> VALUES
-> (1, 'Rahul', 'M', '2002-05-12', 'rahul@example.com'),
-> (2, 'Anjali', 'F', '2001-11-20', 'anjali@example.com'),
-> (3, 'Vikram', 'M', '2003-07-01', 'vikram@example.com');
Query OK, 3 rows affected (0.02 sec)
Records: 3 Duplicates: 0 Warnings: 0

mysql>
mysql> -- Check data (output)
mysql> SELECT * FROM Students;
+-----+-----+-----+-----+-----+
| RollNo | Name  | Gender | DOB       | Email                |
+-----+-----+-----+-----+-----+
| 1      | Rahul | M      | 2002-05-12 | rahul@example.com    |
| 2      | Anjali | F      | 2001-11-20 | anjali@example.com   |
| 3      | Vikram | M      | 2003-07-01 | vikram@example.com   |
+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql>
mysql> -- 3. ALTER TABLE: Add a new column
mysql> ALTER TABLE Students ADD Phone VARCHAR(15);
Query OK, 0 rows affected (0.03 sec)

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