1. Data Modification Language

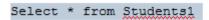
Step 1: Insert rows into table

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Syntax
-- let there be N columns in a table
INSERT INTO <tableName>
(Column1Value, Column2Value, Column3Value,...,ColumnNValue), --row 1
(Column1Value, Column2Value, Column3Value, ..., ColumnNValue), --row2
(Column1Value, Column2Value, Column3Value, ..., ColumnNValue) -row 3
Or
INSERT INTO <tableName> (ColumnX, ColumnY) -- List of Columns
values
(ColumnXValue, ColumnYValue), --Row 1 list of Corrrespong column values
(ColumnXValue, ColumnYValue), --Row 2
(ColumnXValue, ColumnYValue) -Row 3
Try the following
INSERT INTO [Students1] ([RollNo], [Name], [Age], [GPA], [DOB])
             (13, 'Ahmed', '20', 2.4, '1/1/1990')
GO
Try the following
INSERT INTO [Students1] ([RollNo], [Name], [GPA])
VALUES
            (13, 'Ahmed', 2.4)
GO
```

Step 2: To see the data from you table use the following table

Select * from tableName

Try the following and see the results





Step 3: Delete rows from the table

Delete from <tableName>
Where <conditions>

Try the following and see the message and data in table using select query

Delete from Students1 Where Age=20



row(s) affected)

Step 4: Delete all the data from the table

Delete from <tableName> --as there is no where condition all rows will be
deleted

Or

Truncate table <tableName>

Try these two commands after adding some rows to the table and see the results.

Step 5: Updating the rows

Update tableName
set ColumnA=<NewValue>,
ColumnB=<NewValue>,
where <Conditions>

See the data in table before and after trying the following query

Update Students1 set Name='Ali Ahmed' where Name='Ahmed'