

Sample MySQL syntax:

CREATE DATABASE School;

USE school;

SHOW DATABASES;

CREATE TABLE Employee (empID integer,

 ename char(30),

 city char(25),

 pay decimal(10,2));

INSERT INTO Employee VALUES (1, 'Amitabh', 'Allahabad', 15000);

INSERT INTO Employee VALUES (2, 'Akbar', 'Dehradun', 20000);

SELECT Name, City FROM Student ;

SELECT City, Name FROM Student ;

SELECT City FROM Student ;

SELECT DISTINCT City FROM Student ;

Doing simple calculations

SELECT Name, Sal *12 FROM EMP ;

Using Column Aliases

SELECT Name, Sal*12 AS 'Annual Salary' FROM EMP;

SELECT Name, DOB AS 'Date of Birth' FROM Student;

WHERE <Condition>

SELECT * FROM Student WHERE City='Mumbai';

SELECT Name, City from Student WHERE City <> 'Mumbai' AND Class>10;

```
SELECT * FROM Emp WHERE Sal >10000 OR Job ='Manager';  
SELECT * FROM Emp WHERE Sal BETWEEN 5000 AND 10000 ;  
SELECT * FROM Student WHERE City IN ('Mumbai', 'Delhi', 'Kanpur') ;
```

```
SELECT * FROM Student ORDER BY City DESC;
```

```
CREATE TABLE student (lastName VARCHAR(20), firstName VARCHAR(20), course  
VARCHAR(20), bday DATE);
```

```
describe student;
```

```
INSERT INTO student VALUES ('John', 'Donald', 'DAC', '2001-06-09');  
INSERT INTO student VALUES ('Sam', 'Will', 'DBDA', '2001-05-29');  
INSERT INTO student VALUES ('Dev', 'Singh', 'DBDA', '2001-05-29');
```

```
select * from student;
```

```
UPDATE student SET course = 'DAC'  
UPDATE student SET Course = 'DAC' WHERE lastName = 'Sam';
```

```
DROP TABLE student;
```

```
CREATE TABLE EMPLOYEE (  
    empId INTEGER PRIMARY KEY,  
    name TEXT NOT NULL,  
    dept TEXT NOT NULL  
);
```

Exercise -1

Create the following three tables:

