

```
create database RainbowSchooldb
```

```
use RainbowSchooldb
```

```
CREATE TABLE students (  
    student_id INT PRIMARY KEY,  
    student_name VARCHAR(100) NOT NULL,  
    class VARCHAR(50),  
    date_of_birth datetime  
)
```

```
CREATE TABLE subjects (  
    subject_id INT PRIMARY KEY,  
    subject_name VARCHAR(100) NOT NULL,  
)
```

```
CREATE TABLE Teachers (  
    Teacher_id INT PRIMARY KEY,  
    Teacher_name VARCHAR(100) NOT NULL  
)
```

```
CREATE TABLE marks (  
    mark_id INT PRIMARY KEY,  
    student_id INT,  
    subject_id INT,  
    teacher_id INT,  
    marks_obtained DECIMAL(5,2),  
    date_recorded DATE,  
    FOREIGN KEY (student_id) REFERENCES students(student_id),  
    FOREIGN KEY (subject_id) REFERENCES subjects(subject_id),  
    FOREIGN KEY (teacher_id) REFERENCES teachers(teacher_id)  
)
```

```
insert into subjects values(1, 'Maths')  
insert into subjects values(2, 'physics')
```

```
insert into Teachers values(1, 'Rama')  
insert into Teachers values(2, 'Madhu')
```

```
insert into students values(1, 'Mahesh', 'X', '10/22/2000')  
insert into students values(2, 'Madhu', 'XI', '12/22/2000')  
insert into students values(3, 'Mohan', 'XII', '12/22/2000')
```

```
insert into marks values(1,2,2,2,85.56, '02/01/2024')  
insert into marks values(2,3,1,1,90.56, '02/01/2024')  
insert into marks values(3,1,2,1,95.56, '02/01/2024')
```

```
select * from students  
select * from subjects  
select * from Teachers  
select * from marks
```