

Create a School Database

SqlQuery:

```
create database RainbowSchool
use RainbowSchool
```

```
create table Student
(Id int identity not null,
Name nvarchar(100) not null,
Address nvarchar(100) not null,
Email nvarchar(75) not null,
Class nvarchar(5) not null)
```

```
create table Class
(Id int not null,
Name nvarchar(5) not null)
```

```
create table Subjects
(Id int not null,
Name nvarchar(50) not null)
```

```
insert into student (name, class, address, email) values
('Tom', '7a', 'Delhi', 'tom@email.com')
insert into student (name, class, address, email) values
('Thomas', '7b', 'Mumbai', 'thomas@email.com')
insert into student (name, class, address, email) values
('Manuel', '7c', 'Bangalore', 'manuelm@email.com')
insert into student (name, class, address, email) values
('Sam', '8a', 'Delhi', 'sam@email.com')
insert into student (name, class, address, email) values
('Arun', '8b', 'Mumbai', 'arun@email.com')
insert into student (name, class, address, email) values
('Amit', '9a', 'Kolkata', 'amit@email.com')
insert into student (name, class, address, email) values
('Deep', '9a', 'Chennai', 'deep@email.com')
insert into student (name, class, address, email) values
('Sharan', '9a', 'Hyderabad', 'sharan@email.com')
select * from student
```

```
insert into Class values(1, '7a')
insert into Class values(2, '7b')
insert into Class values(3, '7c')
insert into Class values(4, '8a')
```

```
insert into Class values(5,'9a')
select * from Class
```

```
insert into Subjects values(1,'Science')
insert into Subjects values(2,'Maths')
insert into Subjects values(3,'Social')
insert into Subjects values(4,'English')
select * from Subjects
```

Screenshots:

The screenshot displays the Microsoft SQL Server Enterprise Manager interface. The main window shows a query titled 'SQLQuery_RainbowSchool.sql' with the following SQL code:

```
insert into student (name, class, address, email) values
('Arun', '8b', 'Mumbai', 'arun@email.com')
insert into student (name, class, address, email) values
('Amit', '9a', 'Kolkata', 'amit@email.com')
insert into student (name, class, address, email) values
('Deep', '9a', 'Chennai', 'deep@email.com')
insert into student (name, class, address, email) values
('Sharan', '9a', 'Hyderabad', 'sharan@email.com')
select * from student
```

Below the query window, the 'Results' tab is active, showing a grid of data with 8 rows and 5 columns: Id, Name, Address, Email, and Class.

	Id	Name	Address	Email	Class
1	1	Tom	Delhi	tom@email.com	7a
2	2	Thomas	Mumbai	thomas@email.com	7b
3	3	Manuel	Bangalore	manuelm@email.com	7c
4	4	Sam	Delhi	sam@email.com	8a
5	5	Arun	Mumbai	arun@email.com	8b
6	6	Amit	Kolkata	amit@email.com	9a
7	7	Deep	Chennai	deep@email.com	9a
8	8	Sharan	Hyderabad	sharan@email.com	9a

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RainbowSchool Execute

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```
select * from student

insert into Class values(1,'7a')
insert into Class values(2,'7b')
insert into Class values(3,'7c')
insert into Class values(4,'8a')
insert into Class values(5,'9a')
select * from Class

insert into Subjects values(1,'Science')
insert into Subjects values(2,'Maths')
```

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Results Messages

	Id	Name
1	1	7a
2	2	7b
3	3	7c
4	4	8a
5	5	9a

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RainbowSchool Execute

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```
insert into Class values(4,'8a')
insert into Class values(5,'9a')
select * from Class

insert into Subjects values(1,'Science')
insert into Subjects values(2,'Maths')
insert into Subjects values(3,'Social')
insert into Subjects values(4,'English')
select * from Subjects
```

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Results Messages

	Id	Name
1	1	Science
2	2	Maths
3	3	Social
4	4	English