

Object Explorer

Connect

RASHMIPRIYA (SQL Server 16.0.1110 - Rash

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SQLQuery23.sql - R...MIPRIYA\priye (75))

```
SELECT TOP (1000) [StudentID]
, [FirstName]
, [LastName]
, [Gender]
, [DateOfBirth]
, [ClassID]
FROM [RschoolDatabase].[dbo].[Students]
```

100 %

Results Messages

	StudentID	FirstName	LastName	Gender	DateOfBirth	ClassID
1	2	Shubha	Kumari	F	2001-08-25	NULL
2	3	PrakashM	Kumar	M	2000-06-29	NULL
3	4	Rashi	Priya	F	1997-12-23	NULL
4	7	Shubham	Kumar	M	2001-08-23	NULL
5	8	Prakash	Kumar	M	2000-06-30	NULL
6	9	Rashmi	Priya	F	1998-12-23	NULL

SHMIPRIYA (16.0 RTM) | RASHMIPRIYA\priye (75) | RschoolDatabase | 00:00:00 | 6 rows

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SQLQuery24.sql - R...MIPRIYA\priye (54))

```
SELECT TOP (1000) [StudentID]
, [FirstName]
, [LastName]
, [Gender]
, [DateOfBirth]
, [ClassID]
FROM [RschoolDatabase].[dbo].[Students]
```

100 %

Results Messages

	StudentID	FirstName	LastName	Gender	DateOfBirth	ClassID
1	2	Shubha	Kumari	F	2001-08-25	NULL
2	3	PrakashM	Kumar	M	2000-06-29	NULL
3	4	Rashi	Priya	F	1997-12-23	NULL
4	7	Shubham	Kumar	M	2001-08-23	NULL
5	8	Prakash	Kumar	M	2000-06-30	NULL
6	9	Janhvi	Priyanshi	F	1998-12-25	NULL

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SQLQuery25.sql - R...MIPRIYA\priye (64))

```

SELECT TOP (1000) [StudentID]
, [FirstName]
, [LastName]
, [Gender]
, [DateOfBirth]
, [ClassID]
FROM [RschooDatabase].[dbo].[Students]
  
```

100 %

Results Messages

	StudentID	FirstName	LastName	Gender	DateOfBirth	ClassID
1	2	Shubha	Kumari	F	2001-08-25	NULL
2	3	PrakashM	Kumar	M	2000-06-29	NULL
3	4	Rashi	Priya	F	1997-12-23	NULL
4	7	Shubham	Kumar	M	2001-08-23	NULL
5	8	Prakash	Kumar	M	2000-06-30	NULL

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PracticeProject_1s...MIPRIYA\priye (63))

```

--create table Students
StudentID int primary key,
FirstName varchar(50) not null,
LastName varchar(50) not null,
Gender char(1),
DateOfBirth date,
ClassID int foreign key references Classes(ClassID)
);
--insert a new Student
insert into Students (StudentID, FirstName, LastName, Gender, DateOfBirth)
values (9, 'Rashmi', 'Priya', 'F', '1998-12-23'), (8, 'Prakash', 'Kumar', 'M', '2000-06-30'), (7, 'Shubham', 'Kumar', 'M', '2001-08-23');
insert into Students (StudentID, FirstName, LastName, Gender, DateOfBirth)
values (4, 'Rashi', 'Priya', 'F', '1997-12-23'), (3, 'PrakashM', 'Kumar', 'M', '2000-06-29'), (2, 'Shubha', 'Kumari', 'F', '2001-08-25');
--update student information
update Students
set FirstName = 'Janhvi', LastName = 'Priyanshi', Gender = 'F', DateOfBirth = '1998-12-25'
where StudentID = 9;
--delete a student
delete from Students
where StudentID = 9;
-- retrieve the list of students
select * from Students;
  
```

100 %

Results Messages

	StudentID	FirstName	LastName	Gender	DateOfBirth	ClassID
1	2	Shubha	Kumari	F	2001-08-25	NULL
2	3	PrakashM	Kumar	M	2000-06-29	NULL
3	4	Rashi	Priya	F	1997-12-23	NULL
4	7	Shubham	Kumar	M	2001-08-23	NULL
5	8	Prakash	Kumar	M	2000-06-30	NULL

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PracticeProject_1.s...MIPRIYA\priye (63))*

```

--update students
set FirstName = 'Janhvi', LastName = 'Priyanshi', Gender = 'F', DateOfBirth = '1998-12-25'
where StudentID = 9;
--delete a student
delete from Students
where StudentID = 9;
-- retrieve the list of students
select * from Students;
--retrieve student information by ID
select * from Students where StudentID = 8;
select * from Students where StudentID = 2;
select * from Students where StudentID = 3;
select * from Students where StudentID = 4;
select * from Students where StudentID = 7;
  
```

100 %

Results Messages

StudentID	FirstName	LastName	Gender	DateOfBirth	ClassID
8	Prakash	Kumar	M	2000-06-30	NULL
2	Shubha	Kumari	F	2001-08-25	NULL
3	PrakashM	Kumar	M	2000-06-29	NULL
4	Rashi	Priya	F	1997-12-23	NULL
7	Shubham	Kumar	M	2001-08-23	NULL

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PracticeProject_1.s...MIPRIYA\priye (63))*

```

select * from Students where StudentID = 8;
select * from Students where StudentID = 2;
select * from Students where StudentID = 3;
select * from Students where StudentID = 4;
--retrieve female students
select * from Students where Gender = 'F';
select * from Students where Gender = 'M';

--create an index on Student LastName
create index IX_Students_LastName on Students(LastName);
  
```

100 %

Results Messages

StudentID	FirstName	LastName	Gender	DateOfBirth	ClassID
2	Shubha	Kumari	F	2001-08-25	NULL
4	Rashi	Priya	F	1997-12-23	NULL

StudentID	FirstName	LastName	Gender	DateOfBirth	ClassID
3	PrakashM	Kumar	M	2000-06-29	NULL
7	Shubham	Kumar	M	2001-08-23	NULL
8	Prakash	Kumar	M	2000-06-30	NULL

RschooDatabase

Execute

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PracticeProject_1.s...MIPRIYA\priye (63))*

```

select * from Students where StudentID = 8;
select * from Students where StudentID = 2;
select * from Students where StudentID = 3;
select * from Students where StudentID = 4;
--retrieve female students
select * from Students where Gender = 'F';
select * from Students where Gender = 'M';
--retrieve students born after a specific date
select * from Students where DateOfBirth > '2000-01-01';
select * from Students where DateOfBirth < '2000-01-01';

--create an index on Student LastName
create index IX_Students_LastName on Students(LastName);
  
```

100 %

Results Messages

	StudentID	FirstName	LastName	Gender	DateOfBirth	ClassID
1	2	Shubha	Kumari	F	2001-08-25	NULL
2	3	PrakashM	Kumar	M	2000-06-29	NULL
3	7	Shubham	Kumar	M	2001-08-23	NULL
4	8	Prakash	Kumar	M	2000-06-30	NULL

	StudentID	FirstName	LastName	Gender	DateOfBirth	ClassID
1	4	Rashi	Priya	F	1997-12-23	NULL

RschooDatabase

Execute

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SQLQuery26.sql - R...MIPRIYA\priye (75))

```

SELECT TOP (1000) [SubjectID]
, [SubjectName]
FROM [RschooDatabase].[dbo].[Subjects]
  
```

100 %

Results Messages

	SubjectID	SubjectName
1	1	Mathematics
2	2	Computer
3	3	English

RschooIDatabase | Execute

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SQLQuery30.sql - R...MIPRIYA\priye (73)

```
SELECT TOP (1000) [SubjectID]
, [SubjectName]
FROM [RschooIDatabase].[dbo].[Subjects]
```

100 %

Results Messages

	SubjectID	SubjectName
1	1	Advanced Mathematics
2	2	Computer
3	3	English

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SQLQuery31.sql - R...MIPRIYA\priye (54)

```
SELECT TOP (1000) [SubjectID]
, [SubjectName]
FROM [RschooIDatabase].[dbo].[Subjects]
```

100 %

Results Messages

	SubjectID	SubjectName
1	2	Computer
2	3	English

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PracticeProject_1.s...MIPRIYA\priye (63))*

```

--insert a new Subjects
insert into Subjects (SubjectID, SubjectName)
values (1, 'Mathematics'), (2, 'Computer'), (3, 'English');
-- update the name of a subject
update Subjects
set SubjectName = 'Advanced Mathematics'
where SubjectID = 1;
--delete a subject
delete from Subjects where SubjectID = 1;
--retrieve the list of subjects
select * from Subjects;

```

100 %

Results Messages

SubjectID	SubjectName
1	2
2	3

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PracticeProject_1.s...MIPRIYA\priye (63))*

```

--insert a new Subjects
insert into Subjects (SubjectID, SubjectName)
values (1, 'Mathematics'), (2, 'Computer'), (3, 'English');
-- update the name of a subject
update Subjects
set SubjectName = 'Advanced Mathematics'
where SubjectID = 1;
--delete a subject
delete from Subjects where SubjectID = 1;
--retrieve the list of subjects
select * from Subjects;
--retrieve subject name by ID
select SubjectName from Subjects where SubjectID = 2;

```

100 %

Results Messages

SubjectName
1

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PracticeProject_1.s...MIPRIYA\priye (63))*

```
--insert a new Subjects
insert into Subjects (SubjectID, SubjectName)
values (1, 'Mathematics'),(2, 'Computer'),(3, 'English');
-- update the name of a subject
update Subjects
set SubjectName = 'Advanced Mathematics'
where SubjectID = 1;
--delete a subject
delete from Subjects where SubjectID = 1;
--retrieve the list of subjects
select * from Subjects;
--retrieve subject name by ID
select SubjectName from Subjects where SubjectID = 2;
--retrieve the number of subjects
select count(*) as NumberOfSubjects from Subjects;
```

100 %

Results Messages

	NumberOfSubjects
1	2

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PracticeProject_1.s...MIPRIYA\priye (63))*

```
--insert a new Subjects
insert into Subjects (SubjectID, SubjectName)
values (1, 'Mathematics'),(2, 'Computer'),(3, 'English');
-- update the name of a subject
update Subjects
set SubjectName = 'Advanced Mathematics'
where SubjectID = 1;
--delete a subject
delete from Subjects where SubjectID = 1;
--retrieve the list of subjects
select * from Subjects;
--retrieve subject name by ID
select SubjectName from Subjects where SubjectID = 2;
--retrieve the number of subjects
select count(*) as NumberOfSubjects from Subjects;
--retrieve subjects starting with a specifier letter
select * from Subjects where SubjectName like 'E%';
```

100 %

Results Messages

	SubjectID	SubjectName
1	3	English

RschooDatabase

Execute

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PracticeProject_1.s...MIPRIYA\priye (63))*

```
--delete a subject
delete from Subjects where SubjectID = 1;
--retrieve the list of subjects
select * from Subjects;
--retrieve subject name by ID
select SubjectName from Subjects where SubjectID = 2;
--retrieve the number of subjects
select count(*) as NumberOfSubjects from Subjects;
--retrieve subjects starting with a specifier letter
select * from Subjects where SubjectName like 'E%';
--retrieve subjects ordered alphabetically
select * from Subjects order by SubjectName;
```

100 %

Results Messages

	SubjectID	SubjectName
1	2	Computer
2	3	English