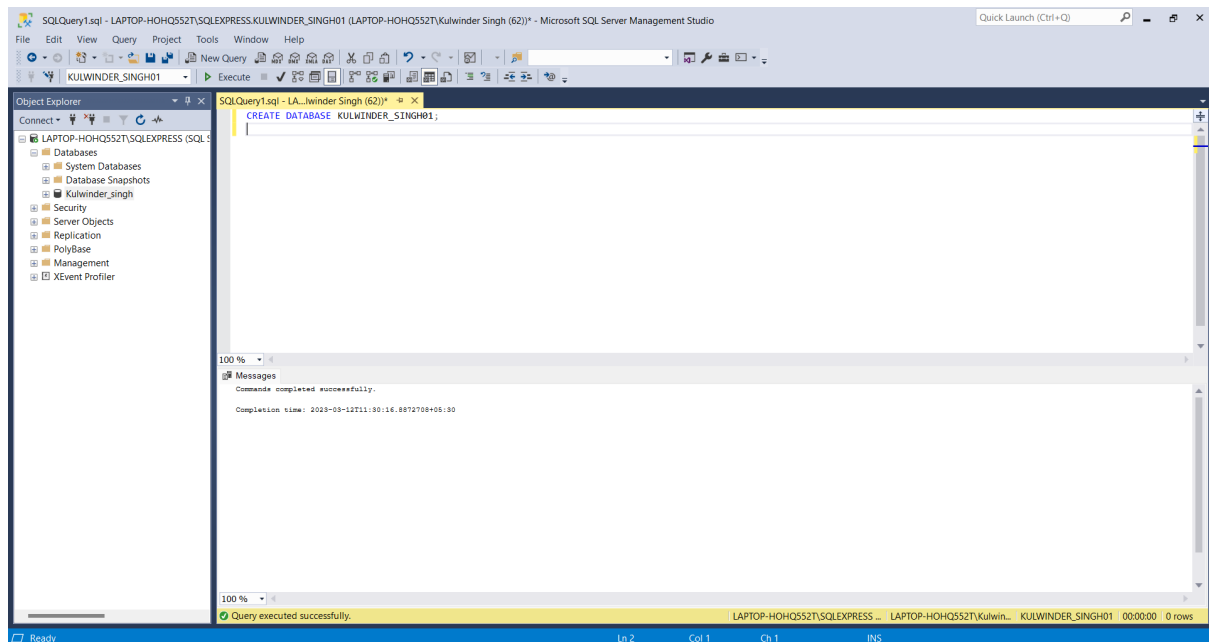


Ques-1-Create a database using SQL query.

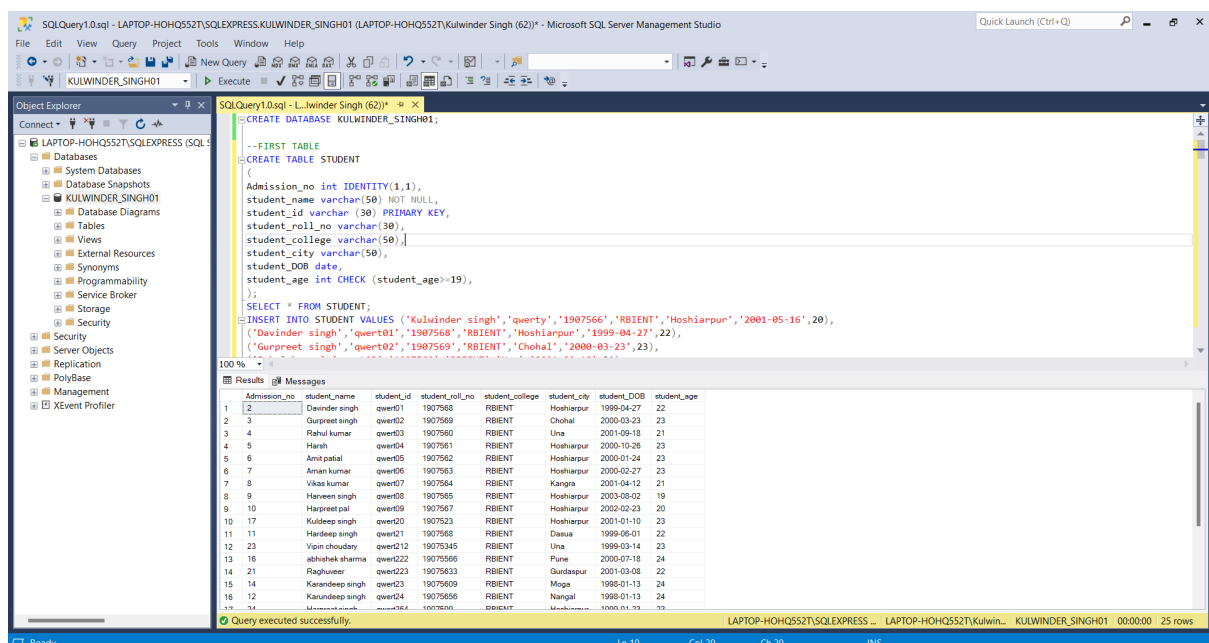
Ans-

CREATE DATABASE KULWINDER_SINGH01;



Ques-2-Write a query to make five table using the following criteria. _ _ _

Ans-



SQLQuery1.0.sql - LAPTOP-HOHOQ552T\SQLEXPRESS.KULWINDER_SINGH01 (LAPTOP-HOHOQ552T)\Kulwinder Singh (62)* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Connect to LAPTOP-HOHOQ552T\SQLEXPRESS (SQL S...

Object Explorer

- Databases
 - System Databases
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 - KULWINDER_SINGH01
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 - External Resources
 - Synonyms
 - Programmability
 - Service Broker
 - Storage
 - Security
 - Security
 - Server Objects
 - Replication
 - PolyBase
 - Management
 - XEvent Profiler

SQLQuery1.0.sql - L...winder Singh (62)*

```
--SECOND TABLE
CREATE TABLE STUDENT_ACEDEMIC
(
  Admission_number bigint IDENTITY(1,1),
  ID varchar(30) PRIMARY KEY,
  FOREIGN KEY (ID) REFERENCES STUDENT(student_id),
  Score float check(score>33),
  Grade varchar(5) NOT NULL,
  Attendance decimal(10),
  Leaves int,
  Performance varchar(10)
);
select*from STUDENT_ACEDEMIC;
INSERT INTO STUDENT_ACEDEMIC VALUES
('qwert1',90.8,'A',99,1,1,'good'),
('qwert01',92.8,'A+',99,1,'good'),
('qwert02',93.6,'B',92.7,2,'average'),
('qwert03',92.3,'A',98,1,1,'good');
```

Results

Admission_number	ID	Score	Grade	Attendance	Leaves	Performance
1	qwert01	92.8	A+	99	1	good
2	qwert02	93.6	B	93	2	average
3	qwert03	92.3	A+	98	1	good
4	qwert04	99.8	B	100	0	average
5	qwert05	75.9	C	76	4	bad
6	qwert06	91.7	A	97	2	good
7	qwert07	99.8	A+	99	1	good
8	qwert08	95.3	A+	99	1	good
9	qwert09	90.8	A	99	2	good
10	qwert20	45.8	C	56	8	bad
11	qwert21	90.8	A	97	2	good
12	qwert212	85.8	B	99	1	average
13	qwert222	90.8	A	98	2	good
14	qwert223	90.8	B+	97	2	good
15	qwert23	95.3	A+	99	1	good
16	qwert24	91.5	A	98	2	good
17	qwert244	90.8	A	100	0	good

Query executed successfully.

LAPTOP-HOHOQ552T\SQLEXPRESS ... LAPTOP-HOHOQ552T\Kulwin... KULWINDER_SINGH01 00:00:00 25 rows

Ready Ln 52 Col 12 Ch 12 INS

SQLQuery1.0.sql - LAPTOP-HOHOQ552T\SQLEXPRESS.KULWINDER_SINGH01 (LAPTOP-HOHOQ552T)\Kulwinder Singh (62)* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Connect to LAPTOP-HOHOQ552T\SQLEXPRESS (SQL S...

Object Explorer

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 - Security
 - Server Objects
 - Replication
 - PolyBase
 - Management
 - XEvent Profiler

SQLQuery1.0.sql - L...winder Singh (62)*

```
('qwert212',85.8,'B',99,1,1,'average'),
('qwert264',90.8,'A',99,7,0,'good'),
('qwert278',56.8,'C',45,9,9,'bad');
--THRD TABLE
CREATE TABLE TEACHER
(
  teacher_id INT IDENTITY(1,1) PRIMARY KEY,
  teacher_name varchar(50),
  teacher_mobile varchar(15) NOT NULL,
  gender char(1),
  city varchar(50),
  subject varchar(50),
  service_experience int CHECK(service_experience>=5),
);
select*from TEACHER;
INSERT INTO TEACHER VALUES
('Shubash','8078074322','M','Pune','Computer science',8),
('Rahul','8078074322','M','Una','Science',10),
('Anjali','7878454322','F','Mahalpur','Maths',15),
('Sham kumar','8878074322','M','Goa','Social science',8),
('Pankaj','8078074309','M','Hosharpur','Computer science',9),
('Kran','8078074364','F','Hamirpur','English',10),
('Ajun','8078074765','M','Dausa','Computer science',12),
('Ravi','8078074309','M','Tenda','Maths',13),
('Himmat','8078034822','M','Pune','Physics',8),
('Khushi kumari','80780742542','F','Mohali','Chemistry',16),
('Jeneder pal','807809822','M','Panchkula','Physical science',11),
('Harman','80780743544','M','Chandigarh','History',19),
('Rishabh','8078074909','M','Mani majra','Maths',11),
('Virat','8078074334','M','Shimla','History',12),
('Anupama','807807498','F','Kasol','Computer science',9),
('Ashwin','8078074334','M','Hosharpur','English',6);
```

Results

teacher_id	teacher_name	teacher_mobile	gender	city	subject	service_experience
1	Shubash	8078074322	M	Pune	Computer science	8
2	Rahul	8078076322	M	Una	Science	10
3	Anjali	7878454322	F	Mahalpur	Maths	15
4	Sham kumar	8878074322	M	Goa	Social science	8
5	Pankaj	8078074309	M	Hosharpur	Computer science	9
6	Kran	8078074364	F	Hamirpur	English	10
7	Ajun	8078074765	M	Dausa	Computer science	12
8	Ravi	8078074309	M	Tenda	Maths	13
9	Himmat	8078034822	M	Pune	Physics	8
10	Khushi kumari	80780742542	F	Mohali	Chemistry	16
11	Jeneder pal	807809822	M	Panchkula	Physical science	11
12	Harman	80780743544	M	Chandigarh	History	19
13	Rishabh	8078074909	M	Mani majra	Maths	11
14	Virat	8078074334	M	Shimla	History	12
15	Anupama	807807498	F	Kasol	Computer science	9
16	Ashwin	8078074334	M	Hosharpur	English	6

Query executed successfully.

LAPTOP-HOHOQ552T\SQLEXPRESS ... LAPTOP-HOHOQ552T\Kulwin... KULWINDER_SINGH01 00:00:00 16 rows

Ready Ln 92 Col 3 Ch 3 INS

SQLQuery1.0.sql - LAPTOP-HOHQ552T\SQLEXPRESS\KULWINDER_SINGH01 (LAPTOP-HOHQ552T)\Kulwinder Singh (62)* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

Connect - LAPTOP-HOHQ552T\SQLEXPRESS (SQLS...)

Databases

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KULWINDER_SINGH01

Database Diagrams

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Synonyms

Programmability

Service Broker

Storage

Security

Server Objects

Replication

PolyBase

Management

XEvent Profiler

SQLQuery1.0.sql - L...winder Singh (62)*

```
--FOURTH TABLE
CREATE TABLE PARENTS
(
    sr_no INT IDENTITY(1,1),
    name VARCHAR(50) NOT NULL,
    city varchar(50) DEFAULT 'NULL',
    mobile varchar(15),
    child_id varchar(30) PRIMARY KEY,
    FOREIGN KEY (child_id) REFERENCES STUDENT_ACEDEMIC(SID),
    child_marks float,
    child_attendance decimal(10),
    child_performance varchar(30)
);
select*from PARENTS
INSERT INTO PARENTS VALUES
('Ajmeer singh','Hoshiarpur','6283255695','qwerty',90.8,99.1,'good'),
('Ram pal','Pune','6283255692','qwert01',92.8,99,'good');
```

Results Messages

sr_no	name	city	mobile	child_id	child_marks	child_attendance	child_performance
1	Ram pal	Pune	6283255692	qwert01	92.8	99	good
2	Harkishan yadav	Una	6283255695	qwert02	93.6	93	average
3	Tajinder singh	Una	62832556923	qwert03	92.3	98	good
4	Harman markota	Hamirpur	6283255695	qwert04	89.8	100	average
5	Kamlesh kumari	Pune	62832675695	qwert05	75.9	76	bad
6	Rahul	Oda	628389695	qwert06	91.7	97	good
7	Harinder singh	Dausa	6282345695	qwert07	99.8	99	good
8	Shamsher singh	Hamirpur	6283255695	qwert08	95.3	99	good
9	Heera singh	Una	62832123695	qwert09	90.8	99	good
10	Sewa singh	Tanda	62887545695	qwert20	45.8	56	bad
11	Rina kumari	Tanda	6283265695	qwert01	90.8	97	good
12	Kashmir singh	Gurdaspur	6283255695	qwert222	90.8	98	good
13	Balkar singh	Tanda	62832764695	qwert23	95.3	99	good
14	Ashok pal	Gurdaspur	6283255695	qwert24	91.5	98	good
15	Gurmeet singh	Gurdaspur	6283276395	qwert28	90.8	93	average
16	Ajmeer singh	Hoshiarpur	6283255695	qwerty	90.8	99	good

Query executed successfully.

LAPTOP-HOHQ552T\SQLEXPRESS ... LAPTOP-HOHQ552T\Kulwin... KULWINDER_SINGH01 00:00:00 16 rows

Ready Ln 125 Col 3 Ch 3 INS

SQLQuery1.0.sql - LAPTOP-HOHQ552T\SQLEXPRESS\KULWINDER_SINGH01 (LAPTOP-HOHQ552T)\Kulwinder Singh (54)* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

Connect - LAPTOP-HOHQ552T\SQLEXPRESS (SQLS...)

Databases

System Databases

Database Snapshots

KULWINDER_SINGH01

Database Diagrams

Tables

System Tables

FileTables

External Tables

Graph Tables

dbo.PARENT_TEACHER

dbo.PARENTS

dbo.STUDENT

dbo.STUDENT_ACEDEMIC(S)

dbo.TEACHER

Views

External Resources

Synonyms

Programmability

Service Broker

Storage

Security

Server Objects

Replication

PolyBase

Management

XEvent Profiler

SQLQuery1.0.sql - L...winder Singh (54)*

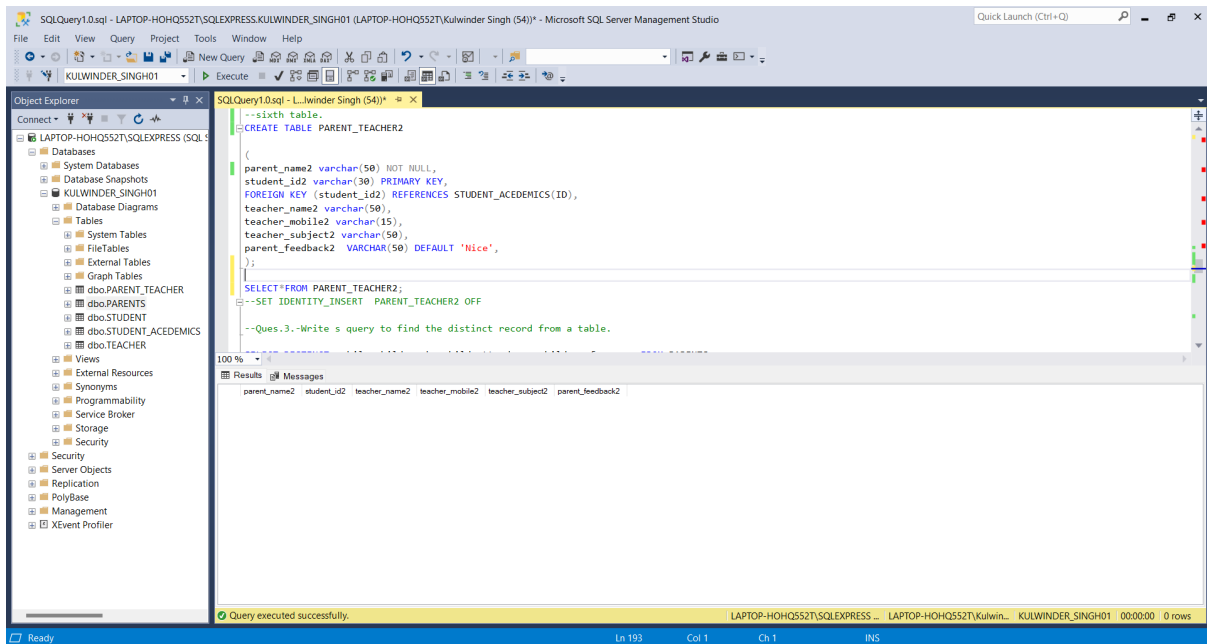
```
--FIFTH TABLE
CREATE TABLE PARENT_TEACHER
(
    sr_no INT IDENTITY(1,1),
    parent_name varchar(50) NOT NULL,
    student_id varchar(30) PRIMARY KEY,
    FOREIGN KEY (student_id) REFERENCES STUDENT_ACEDEMIC(SID),
    teacher_name varchar(50),
    teacher_mobile varchar(15),
    teacher_subject varchar(50),
    parent_feedback VARCHAR(50) DEFAULT 'Nice',
);
SELECT *FROM PARENT_TEACHER;
INSERT INTO PARENT_TEACHER VALUES
```

Results Messages

parent_name	student_id	teacher_name	teacher_mobile	teacher_subject	parent_feedback
Ram pal	qwert01	Rahul	8078076322	Science	NICE
Harkishan yadav	qwert02	Anjali	7878454322	Maths	NOT BAD
Tajinder singh	qwert03	Sham kumar	9678074322	Social science	NOT BAD
Harman markota	qwert04	Pankaj	8078074309	Computer science	NICE
Kamlesh kumari	qwert05	Kiran	80780742654	English	GOOD
Rahul	qwert06	Ajun	8078074785	Computer science	NICE
Harinder singh	qwert07	Ravi	8078074309	Maths	EXCELENT
Shamsher singh	qwert08	Himmat	8078034822	Physics	NICE
Heera singh	qwert09	Khuushi kumari	80780742942	Chemistry	NICE
Rina kumari	qwert21	Jender pal	807809822	Physical science	GOOD
Kashmir singh	qwert222	Anupama	807807498	Computer science	EXCELENT
Balkar singh	qwert23	Virat	8078074334	History	NICE
Ashok pal	qwert24	Harman	80780743544	History	NICE
Gurmeet singh	qwert28	Rohadh	807807469	Maths	VERY GOOD
Ajmeer singh	qwerty	Shubash	8078074322	Computer science	NICE

Query executed successfully.

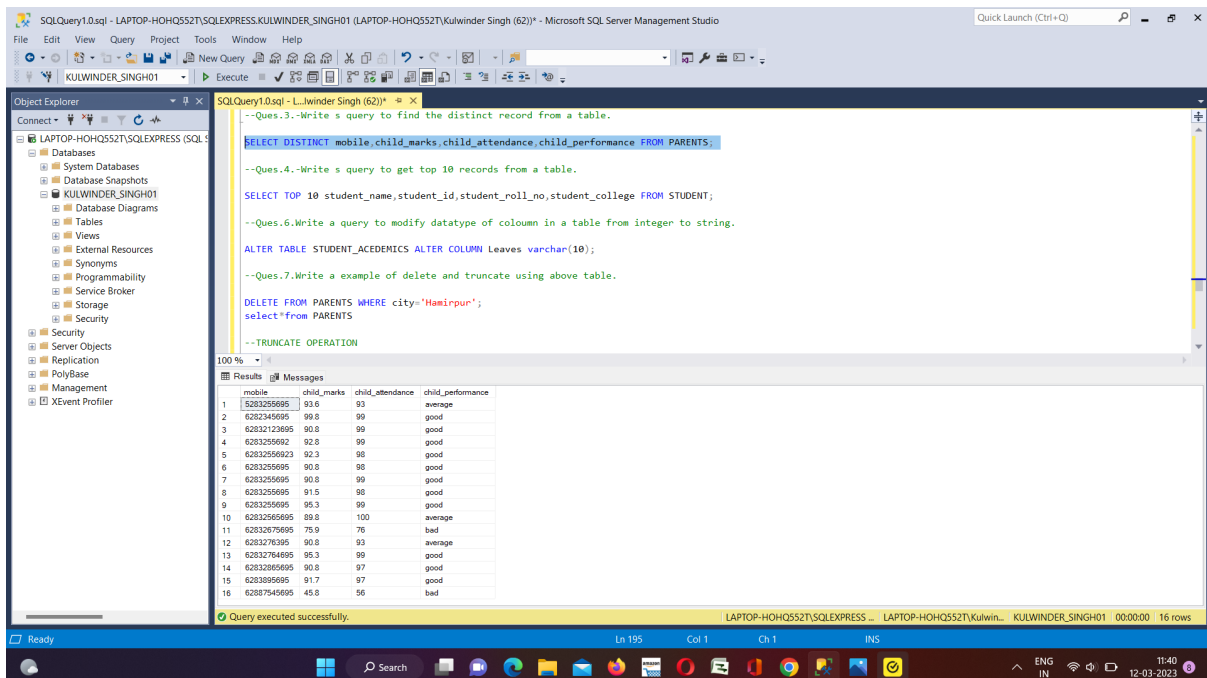
LAPTOP-HOHQ552T\SQLEXPRESS ... LAPTOP-HOHQ552T\Kulwin... KULWINDER_SINGH01 00:00:00 15 rows



Ques.3.-Write a query to find the distinct record from a table.

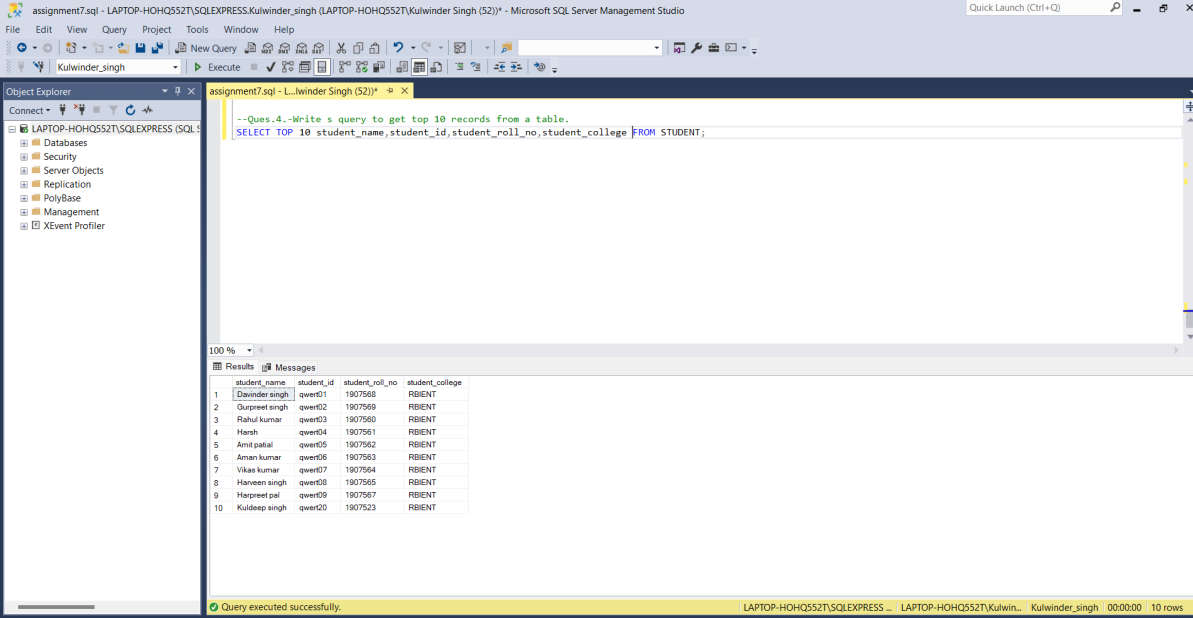
Ans-

SELECT DISTINCT mobile,child_marks,child_attendance,child_performance FROM PARENTS;



Ques.4.-Write a query to get the top 10 records from a table.

ANS-SELECT TOP 10 student_name,student_id,student_roll_no,student_college FROM STUDENT;



The screenshot shows the Microsoft SQL Server Management Studio interface. The query editor contains the following SQL query:

```
--Ques.4.-Write s query to get top 10 records from a table.  
SELECT TOP 10 student_name,student_id,student_roll_no,student_college FROM STUDENT;
```

The Results pane displays the following data:

	student_name	student_id	student_roll_no	student_college
1	Davidson singh	qwerd1	1907560	RBIENT
2	Gurpreet singh	qwerd2	1907560	RBIENT
3	Rahul kumar	qwerd3	1907560	RBIENT
4	Harsh	qwerd4	1907561	RBIENT
5	Amit patal	qwerd5	1907562	RBIENT
6	Aman kumar	qwerd6	1907563	RBIENT
7	Vikas kumar	qwerd7	1907564	RBIENT
8	Harveen singh	qwerd8	1907565	RBIENT
9	Harpreet pal	qwerd9	1907567	RBIENT
10	Kuldeep singh	qwerd20	1907523	RBIENT

The status bar at the bottom indicates: Query executed successfully. LAPTOP-HOHQ552T\SQLEXPRESS ... LAPTOP-HOHQ552T\Kulwin... Kulwinder_singh 00:00:00 10 rows

Ques.5.Write a query to copy data of one table to another table.

Ans-

INSERT INTO PARENT_TEACHER2
SELECT * FROM PARENT_TEACHER;

SQLQuery1.0.sql - LAPTOP-HOHQ552T\SQLEXPRESS\KULWINDER_SINGH01 (LAPTOP-HOHQ552T\Kulwinder Singh (54)) - Microsoft SQL Server Management Studio

Object Explorer: LAPTOP-HOHQ552T\SQLEXPRESS (SQLS...)

Query Window: SQLQuery1.0.sql - L...winder Singh (54)

```
--Ques.5.Write a query to copy data of one table to another table.
INSERT INTO PARENT_TEACHER2
SELECT * FROM PARENT_TEACHER;

--Ques.6.Write a query to modify datatype of column in a table from integer to string.
ALTER TABLE STUDENT_ACEDEMIC ALTER COLUMN Leaves varchar(10);
SELECT * FROM STUDENT_ACEDEMIC;

--Ques.7.Write a example of delete and truncate using above table.
DELETE FROM PARENTS WHERE city='Hamirpur';
select * from PARENTS

--TRUNCATE OPERATION
TRUNCATE TABLE PARENTS;
```

Results: Messages

parent_name2	student_id2	teacher_name2	teacher_mobile2	teacher_subject2	parent_feedback2	
1	Ram pal	qwen01	Rahul	8078078322	Science	NICE
2	Hankishan yadav	qwen02	Anjali	7878454322	Maths	NOT BAD
3	Tajinder singh	qwen03	Sham kumar	9878074322	Social science	NOT BAD
4	Harman mankola	qwen04	Pankaj	8078074309	Computer science	NICE
5	Kamlesh kumari	qwen05	Kiran	80780743654	English	GOOD
6	Rahul	qwen06	Arun	8078074765	Computer science	NICE
7	Harinder singh	qwen07	Ravi	8078074309	Maths	EXCELLENT
8	Shamsher singh	qwen08	Himmat	8078034822	Physics	NICE
9	Heera singh	qwen09	Khushi kumari	80780742542	Chemistry	NICE
10	Rina kumari	qwen21	Jender pal	80780822	Physical science	GOOD
11	Kashmir singh	qwen22	Anupama	807807498	Computer science	EXCELLENT
12	Balkar singh	qwen23	Virat	8078074334	History	NICE
13	Ashok pal	qwen24	Hamman	80780743544	History	NICE
14	Gurmeet singh	qwen28	Rishabh	807807499	Maths	VERY GOOD
15	Ajmer singh	qweny	Shubash	8078074322	Computer science	NICE

Query executed successfully. LAPTOP-HOHQ552T\SQLEXPRESS ... LAPTOP-HOHQ552T\Kulwin... KULWINDER_SINGH01 00:00:00 15 rows

Ques.6.Write a query to modify the datatype of column in a table from integer to string.

Ans-

ALTER TABLE STUDENT_ACEDEMIC ALTER COLUMN Leaves varchar(10);
SELECT * FROM STUDENT_ACEDEMIC

SQLQuery1.0.sql - LAPTOP-HOHQ552T\SQLEXPRESS\KULWINDER_SINGH01 (LAPTOP-HOHQ552T\Kulwinder Singh (62)) - Microsoft SQL Server Management Studio

Object Explorer: LAPTOP-HOHQ552T\SQLEXPRESS (SQLS...)

Query Window: SQLQuery1.0.sql - L...winder Singh (62)

```
--Ques.4.-Write s query to get top 10 records from a table.
SELECT TOP 10 student_name,student_id,student_roll_no,student_college FROM STUDENT;

--Ques.6.Write a query to modify datatype of column in a table from integer to string.
ALTER TABLE STUDENT_ACEDEMIC ALTER COLUMN Leaves varchar(10);
SELECT * FROM STUDENT_ACEDEMIC;

--Ques.7.Write a example of delete and truncate using above table.
DELETE FROM PARENTS WHERE city='Hamirpur';
select * from PARENTS

--TRUNCATE OPERATION
TRUNCATE TABLE PARENTS;
```

Results: Messages

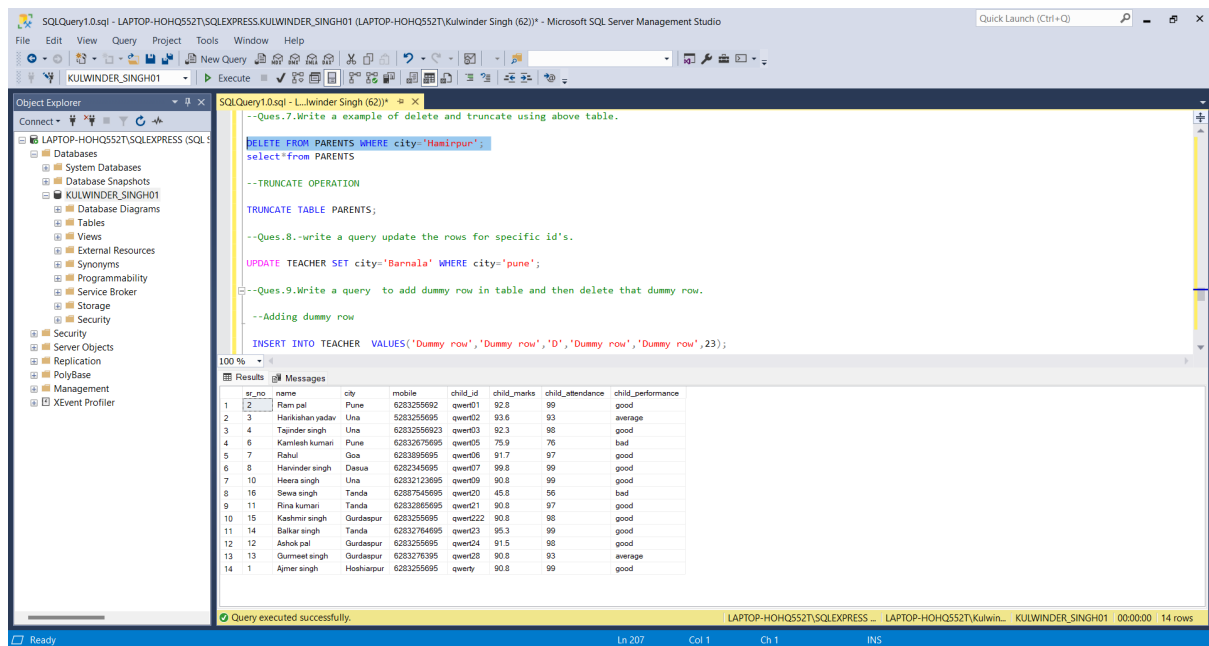
Admission_number	ID	Score	Grade	Attendance	Leaves	Performance	
1	2	qwen01	92.8	A+	99	1	good
2	3	qwen02	93.6	B	93	2	average
3	4	qwen03	92.3	A+	98	1	good
4	5	qwen04	89.8	B	100	0	average
5	6	qwen05	75.9	C	76	4	bad
6	7	qwen06	91.7	A	97	2	good
7	8	qwen07	99.8	A+	99	1	good
8	9	qwen08	95.3	A+	99	1	good
9	10	qwen09	90.8	A	99	2	good
10	16	qwen20	45.9	C	56	8	bad
11	11	qwen21	90.8	A	97	2	good
12	23	qwen212	85.8	B	99	1	average
13	15	qwen222	90.8	A	98	2	good
14	20	qwen223	90.8	B+	97	2	good
15	14	qwen23	95.3	A+	99	1	good
16	12	qwen24	91.5	A	98	2	good
17	14	qwen24	90.8	A	100	0	good

Query executed successfully. LAPTOP-HOHQ552T\SQLEXPRESS ... LAPTOP-HOHQ552T\Kulwin... KULWINDER_SINGH01 00:00:00 25 rows

Ques.7.Write an example of delete and truncate using the above table.

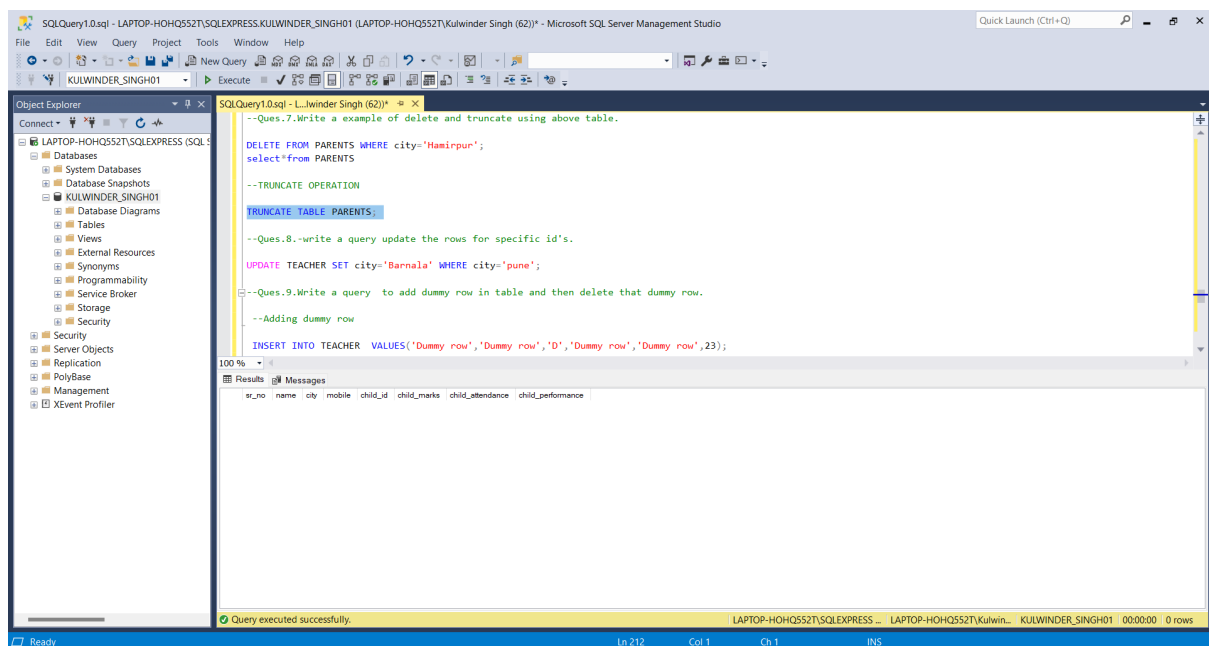
Ans-

DELETE FROM PARENTS WHERE city='Hamirpur';



TRUNCATE OPERATION–

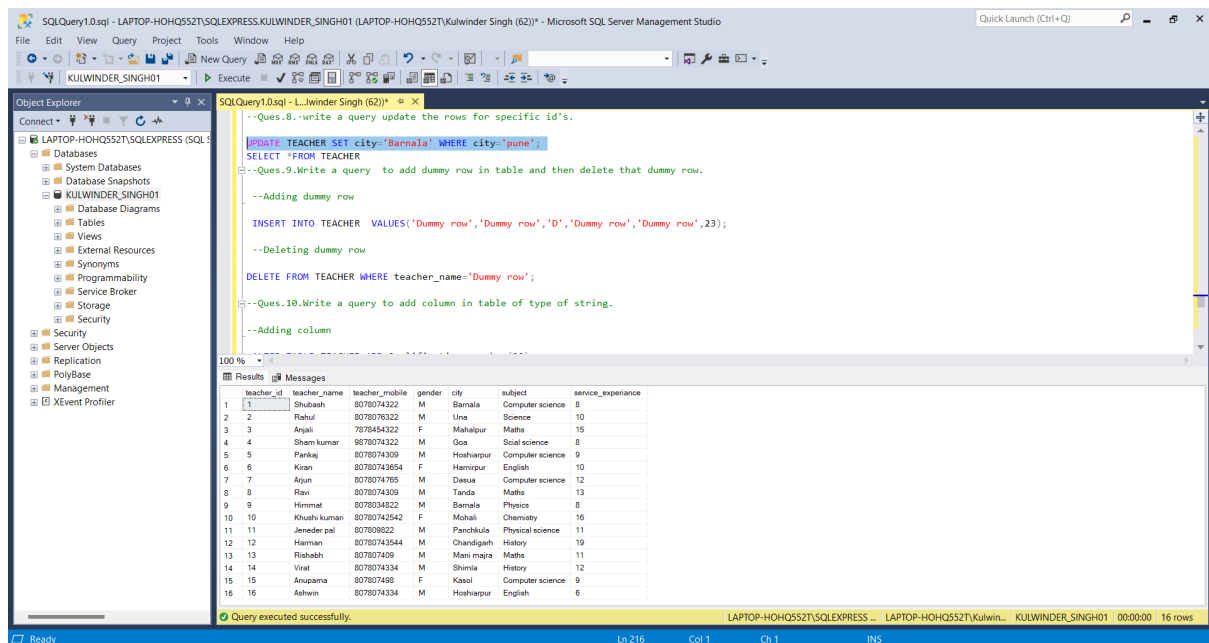
TRUNCATE TABLE PARENTS;



Ques.8.-write a query to update the rows for specific id's.

Ans-

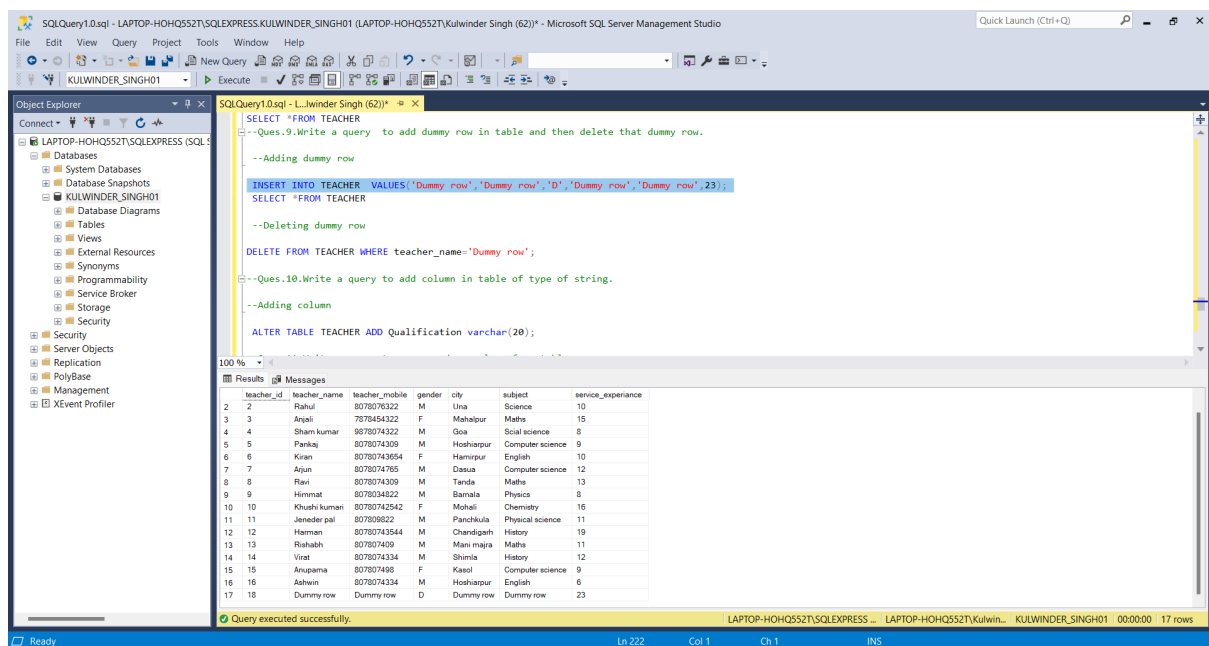
UPDATE TEACHER SET city='Barnala' WHERE city='pune';



Ques.9. Write a query to add a dummy row in the table and then delete that dummy row.

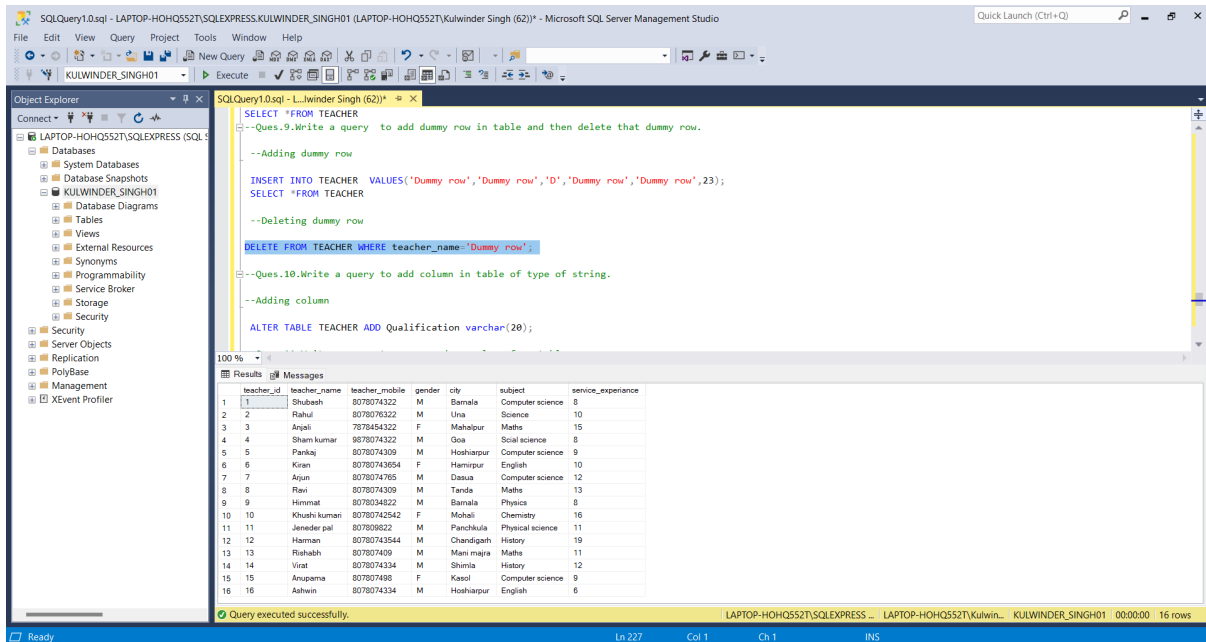
Adding dummy row-

```
INSERT INTO TEACHER VALUES('Dummy row','Dummy row','D','Dummy row','Dummy
row',23);
SELECT *FROM TEACHER
```



Deleting dummy row-

DELETE FROM TEACHER WHERE teacher_name='Dummy row';



SQLQuery1.0.sql - LAPTOP-HOHQ552T\SQLEXPRESS\KULWINDER_SINGH01 (LAPTOP-HOHQ552T)\Kulwinder Singh (62)* - Microsoft SQL Server Management Studio

Object Explorer: LAPTOP-HOHQ552T\SQLEXPRESS (SQL S... > Databases > System Databases > Database Snapshots > KULWINDER_SINGH01 > Database Diagrams > Tables > Views > External Resources > Synonyms > Programmability > Service Broker > Storage > Security > Server Objects > Replication > PolyBase > Management > XEvent Profiler

SQLQuery1.0.sql - L.Jwinder Singh (62)* > X

```
--Ques.9. Write a query to add dummy row in table and then delete that dummy row.
--Adding dummy row
INSERT INTO TEACHER VALUES('Dummy row','Dummy row','D','Dummy row','Dummy row',23);
SELECT * FROM TEACHER
--Deleting dummy row
DELETE FROM TEACHER WHERE teacher_name='Dummy row';
--Ques.10. Write a query to add column in table of type of string.
--Adding column
ALTER TABLE TEACHER ADD Qualification varchar(20);
```

Results: 100 % > Messages

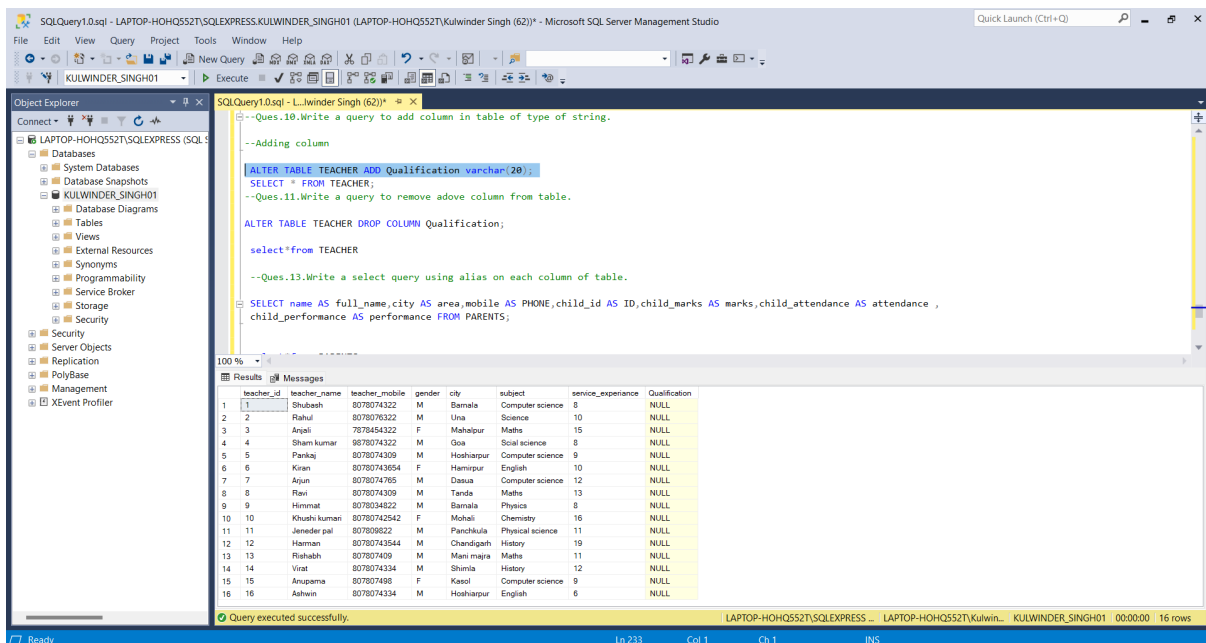
teacher_id	teacher_name	teacher_mobile	gender	city	subject	service_experience
1	Shubash	8078074332	M	Barnala	Computer science	8
2	Rahul	8078076322	M	Una	Science	10
3	Anjali	7878454322	F	Mahapur	Maths	15
4	Sham kumar	8078074322	M	Goa	Social science	8
5	Pankaj	8078074309	M	Hoashapur	Computer science	9
6	Kiran	80780743654	F	Hamipur	English	10
7	Arun	8078074785	M	Dasua	Computer science	12
8	Ravi	8078074309	M	Tanda	Maths	13
9	Himmat	8078034622	M	Barnala	Physics	8
10	Khushi kumari	80780742542	F	Mohali	Chemistry	16
11	Jenender pal	807809622	M	Panchkula	Physical science	11
12	Harman	80780743544	M	Chandigarh	History	19
13	Rishabh	8078074609	M	Mani majra	Maths	11
14	Virat	8078074334	M	Shimla	History	12
15	Anupama	8078074698	F	Kasol	Computer science	9
16	Ashwin	8078074334	M	Hoashapur	English	6

Query executed successfully. LAPTOP-HOHQ552T\SQLEXPRESS ... LAPTOP-HOHQ552T\Kulwin... KULWINDER_SINGH01 00:00:00 16 rows

Ques.10. Write a query to add a column in the table of type of string.

Ans-

```
ALTER TABLE TEACHER ADD Qualification varchar(20);
SELECT * FROM TEACHER;
```



SQLQuery1.0.sql - LAPTOP-HOHQ552T\SQLEXPRESS\KULWINDER_SINGH01 (LAPTOP-HOHQ552T)\Kulwinder Singh (62)* - Microsoft SQL Server Management Studio

Object Explorer: LAPTOP-HOHQ552T\SQLEXPRESS (SQL S... > Databases > System Databases > Database Snapshots > KULWINDER_SINGH01 > Database Diagrams > Tables > Views > External Resources > Synonyms > Programmability > Service Broker > Storage > Security > Server Objects > Replication > PolyBase > Management > XEvent Profiler

SQLQuery1.0.sql - L.Jwinder Singh (62)* > X

```
--Ques.10. Write a query to add column in table of type of string.
--Adding column
ALTER TABLE TEACHER ADD Qualification varchar(20);
SELECT * FROM TEACHER;
--Ques.11. Write a query to remove above column from table.
ALTER TABLE TEACHER DROP COLUMN Qualification;
select*from TEACHER
--Ques.13. Write a select query using alias on each column of table.
SELECT name AS full_name,city AS area,mobile AS PHONE,child_id AS ID,child_marks AS marks,child_attendance AS attendance ,
child_performance AS performance FROM PARENTS;
```

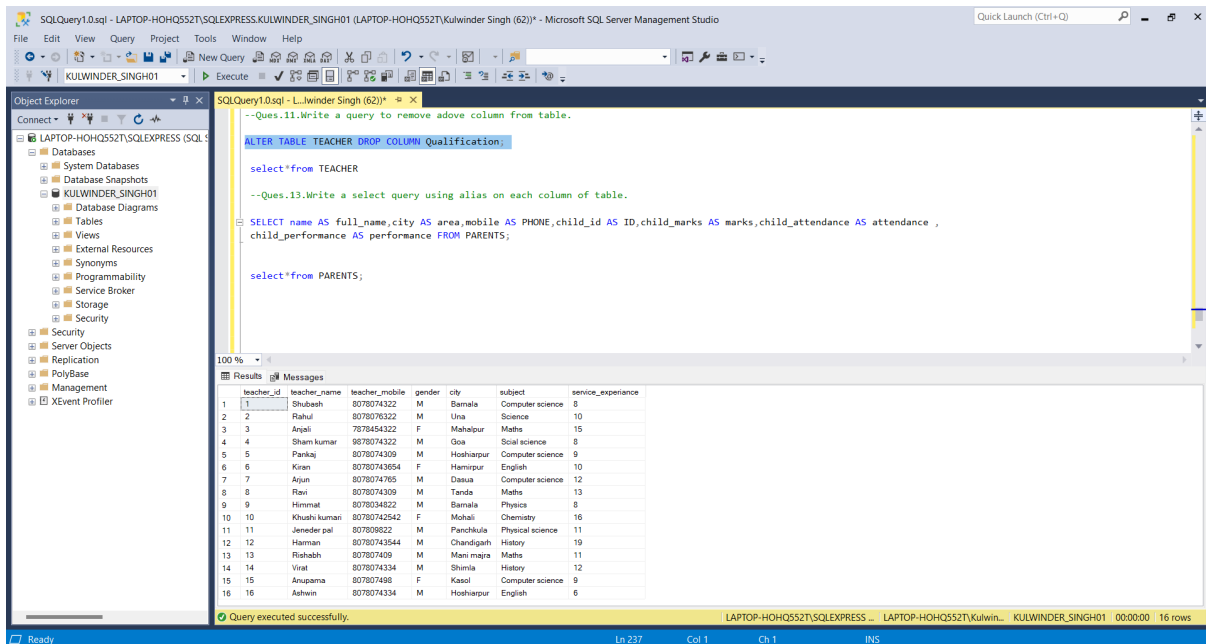
Results: 100 % > Messages

teacher_id	teacher_name	teacher_mobile	gender	city	subject	service_experience	Qualification
1	Shubash	8078074332	M	Barnala	Computer science	8	NULL
2	Rahul	8078076322	M	Una	Science	10	NULL
3	Anjali	7878454322	F	Mahapur	Maths	15	NULL
4	Sham kumar	8078074322	M	Goa	Social science	8	NULL
5	Pankaj	8078074309	M	Hoashapur	Computer science	9	NULL
6	Kiran	80780743654	F	Hamipur	English	10	NULL
7	Arun	8078074785	M	Dasua	Computer science	12	NULL
8	Ravi	8078074309	M	Tanda	Maths	13	NULL
9	Himmat	8078034622	M	Barnala	Physics	8	NULL
10	Khushi kumari	80780742542	F	Mohali	Chemistry	16	NULL
11	Jenender pal	807809622	M	Panchkula	Physical science	11	NULL
12	Harman	80780743544	M	Chandigarh	History	19	NULL
13	Rishabh	8078074609	M	Mani majra	Maths	11	NULL
14	Virat	8078074334	M	Shimla	History	12	NULL
15	Anupama	8078074698	F	Kasol	Computer science	9	NULL
16	Ashwin	8078074334	M	Hoashapur	English	6	NULL

Query executed successfully. LAPTOP-HOHQ552T\SQLEXPRESS ... LAPTOP-HOHQ552T\Kulwin... KULWINDER_SINGH01 00:00:00 16 rows

Ques.11. Write a query to remove the above column from the table.

```
ALTER TABLE TEACHER DROP COLUMN Qualification;
```



Ques.12. What is an alias in SQL?

It's a name you give to a column or a table in your SQL query to make it easier to display the results or to write your query.

SQL Aliases can be used to create a temporary name for columns or tables.

- Column aliases are used to make column headings in your resultset easier to read.
- Table aliases are used to shorten your SQL to make it easier to read or when you are performing a self join (ie: listing the same table more than once in the FROM clause).

Ques.13. Write a select query using alias on each column of the table.

```
SELECT name AS full_name, city AS area, mobile AS PHONE, child_id AS ID, child_marks
AS marks, child_attendance AS attendance,
child_performance AS performance FROM PARENTS;
```

SQLQuery1.0.sql - LAPTOP-HOHQ552T\SQLEXPRESS\KULWINDER_SINGH01 (LAPTOP-HOHQ552T\Kulwinder Singh (62)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

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Object Explorer

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SQLQuery1.0.sql - L..winder Singh (62) *

--Ques.13. Write a select query using alias on each column of table.

```
SELECT name AS full_name, city AS area, mobile AS PHONE, child_id AS ID, child_marks AS marks, child_attendance AS attendance, child_performance AS performance FROM PARENTS;
```

100 %

Results Messages

	full_name	area	PHONE	ID	marks	attendance	performance
1	Ram pal	Pune	6283255692	qwer01	92.8	99	good
2	Hankishan yadav	Una	5283255695	qwer02	93.6	93	average
3	Tajinder singh	Una	62832556923	qwer03	92.3	98	good
4	Harman munkola	Hamirpur	62832569695	qwer04	89.8	100	average
5	Kamlesh kumari	Pune	62832075695	qwer05	75.9	76	bad
6	Rahul	Dasa	6283869695	qwer06	91.7	97	good
7	Haninder singh	Dasua	6282345695	qwer07	99.8	99	good
8	Shamsher singh	Hamirpur	6283255695	qwer08	95.3	99	good
9	Heera singh	Una	62832123695	qwer09	90.8	99	good
10	Sewa singh	Tanda	62807543695	qwer00	45.8	56	bad
11	Rina kumari	Tanda	62832865695	qwer01	90.8	97	good
12	Kashmir singh	Gurdaspur	6283255695	qwer222	90.8	98	good
13	Balkar singh	Tanda	62832784695	qwer23	95.3	99	good
14	Ashok pal	Gurdaspur	6283255695	qwer04	91.5	98	good
15	Gurmeet singh	Gurdaspur	6283178395	qwer03	90.8	93	average
16	Almer singh	Hoshiarpur	6283255695	qwer0	90.8	99	good

Query executed successfully.

LAPTOP-HOHQ552T\SQLEXPRESS ... LAPTOP-HOHQ552T\Kulwin... KULWINDER_SINGH01 00:00:00 16 rows

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