1. Create Database student;

use student;

Create table tblparents(

parent_id int ,

parent_name varchar(60) ,

city varchar(60),

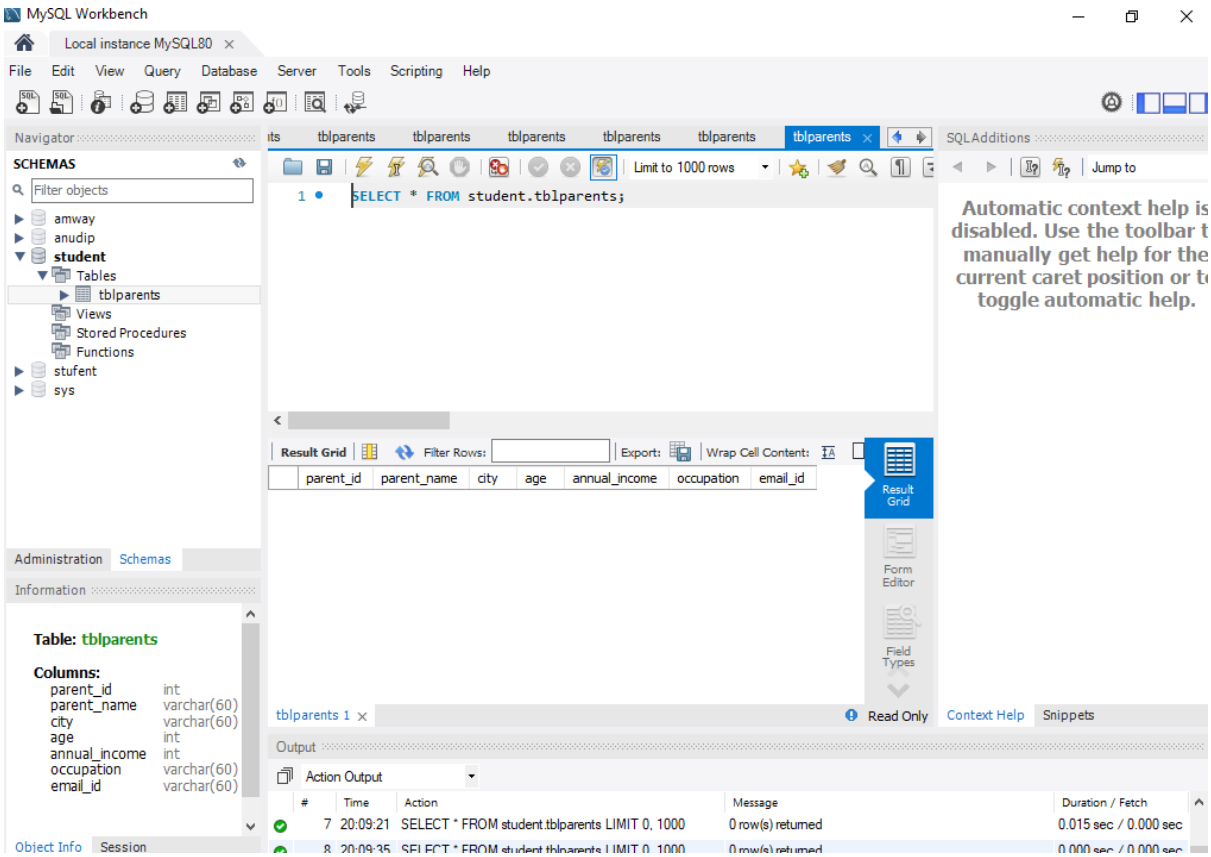
age int ,

annual_income int ,

occupation varchar(60) ,

email_id varchar(60)

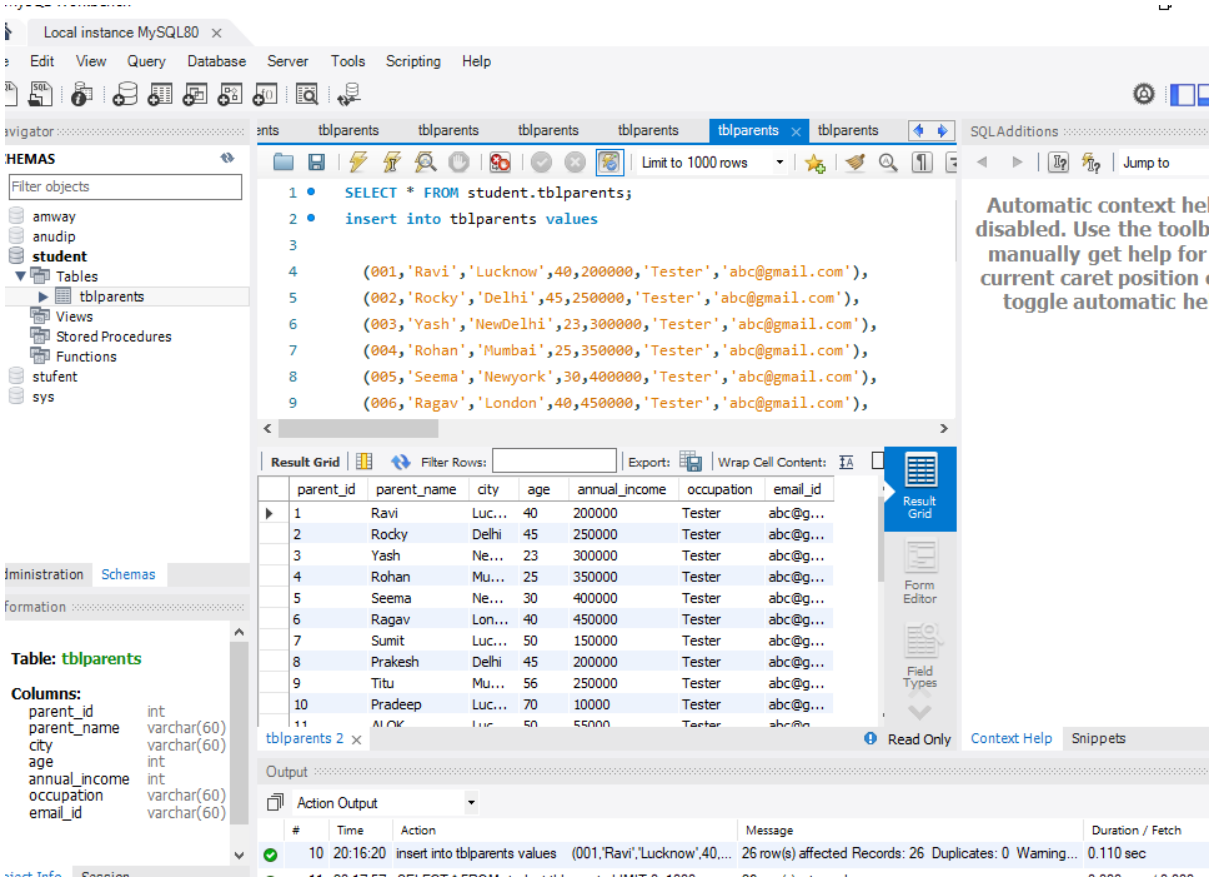
);



```
SELECT * FROM student.tblparents;

 insert into tblparents values


 (001,'Ravi','Lucknow',40,200000,'Tester','abc@gmail.com'),

 (002,'Rocky','Delhi',45,250000,'Tester','abc@gmail.com'),

 (003,'Yash','NewDelhi',23,300000,'Tester','abc@gmail.com'),

 (004,'Rohan','Mumbai',25,350000,'Tester','abc@gmail.com'),

 (005,'Seema','Newyork',30,400000,'Tester','abc@gmail.com'),

 (006,'Ragav','London',40,450000,'Tester','abc@gmail.com'),

 (007,'Sumit','Lucknow',50,150000,'Tester','abc@gmail.com'),

 (008,'Prakesh','Delhi',45,200000,'Tester','abc@gmail.com'),

 (009,'Titu','Mumbai',56,250000,'Tester','abc@gmail.com'),

 (010,'Pradeep','Lucknow',70,10000,'Tester','abc@gmail.com'),

 (011,'ALOK','Lucknow',50,55000,'Tester','abc@gmail.com'),

 (012,'Deepak','Newyork',51,50000,'Tester','abc@gmail.com'),

 (013,'Karn','Lucknow',53,600000,'Tester','abc@gmail.com'),

 (014,'Ravi','Banglore',40,650000,'Tester','abc@gmail.com'),

 (015,'Vivek','London',54,700000,'Tester','abc@gmail.com'),

 (016,'Vikash','Lucknow',52,76000,'Tester','abc@gmail.com'),

 (017,'Ravi','Lucknow',40,250000,'Tester','abc@gmail.com'),

 (018,'Ravi','Lucknow',21,900000,'Tester','abc@gmail.com'),

 (019,'Ram','Lucknow',40,800000,'Tester','abc@gmail.com'),

 (020,'Sita','NewDelhi',77,850000,'Tester','abc@gmail.com'),

 (021,'Sagar','Ahmedabad',40,950000,'Tester','abc@gmail.com'),

 (022,'Bibek','Chennai',60,150000,'Tester','abc@gmail.com'),

 (023,'Rohan','Nagpur',65,350000,'Tester','abc@gmail.com'),

 (024,'Ravi','Kanpur',55,450000,'Tester','abc@gmail.com'),
```

(025,'Rmash','Lucknow',45,300000,'Tester','abc@gmail.com'),

(026,'Ravi','Delhi',40,250000,'Tester','abc@gmail.com');

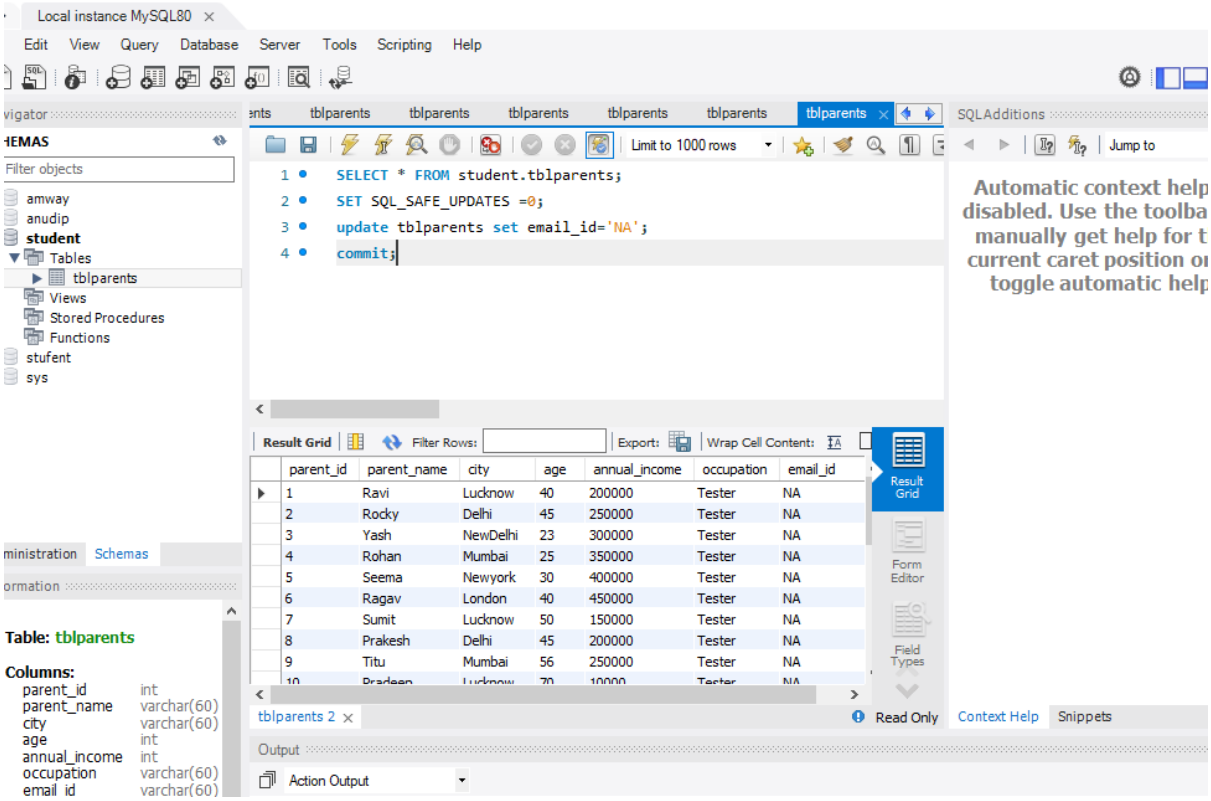


2. SELECT * FROM student.tblparents;

SET SQL_SAFE_UPDATES =0;

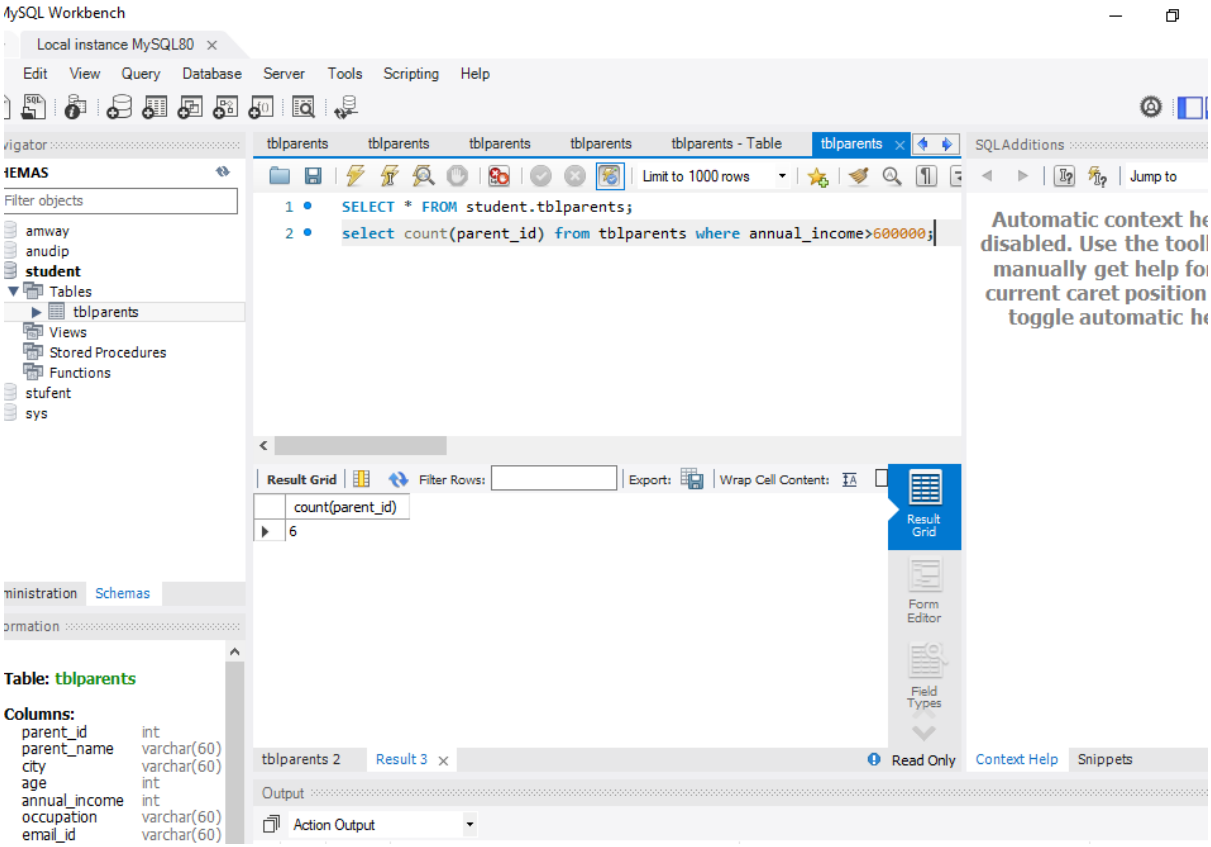
update tblparents set email_id= 'NA';

commit;



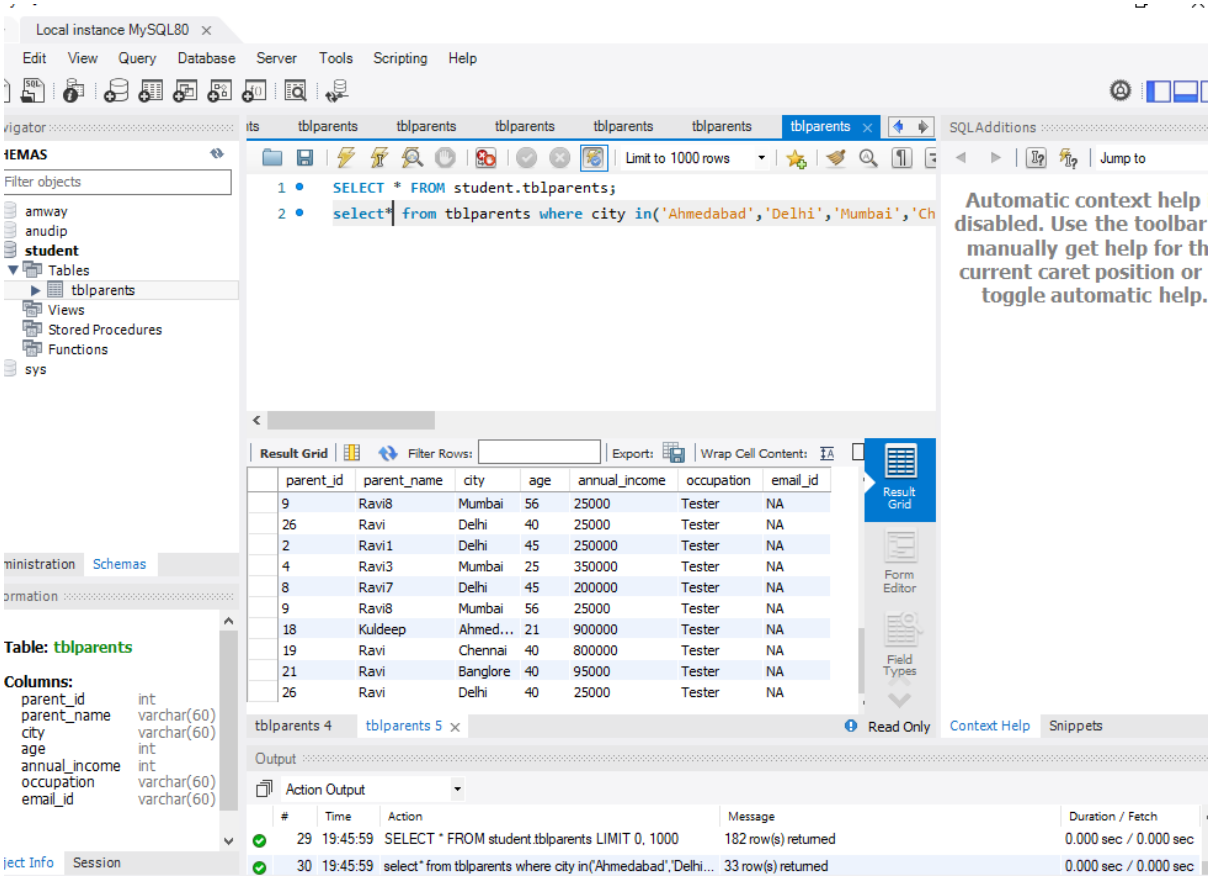
3. SELECT * FROM student.tblparents;

select count(parent_id) from tblparents where annual_income>600000;



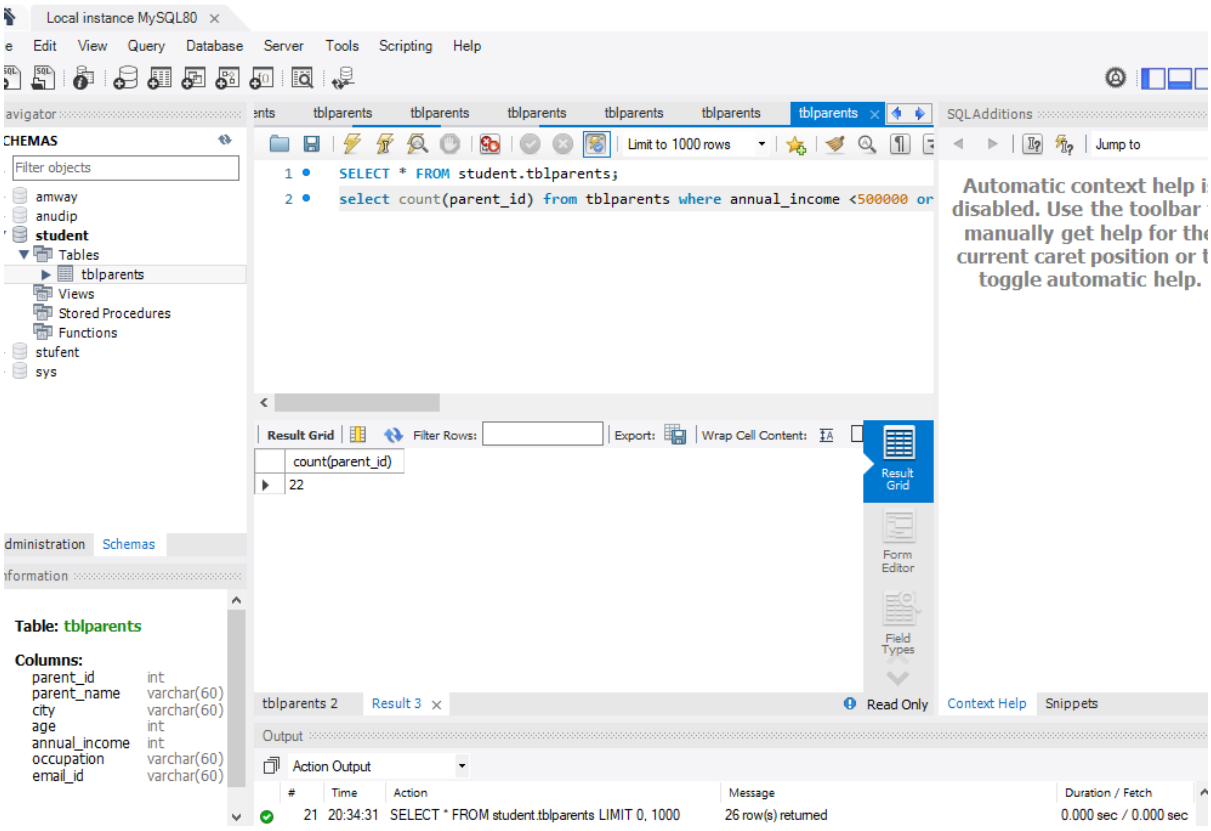
4. SELECT * FROM student.tblparents;

select* from tblparents where city in('Ahmedabad','Delhi','Mumbai','Chennai','Banglore');



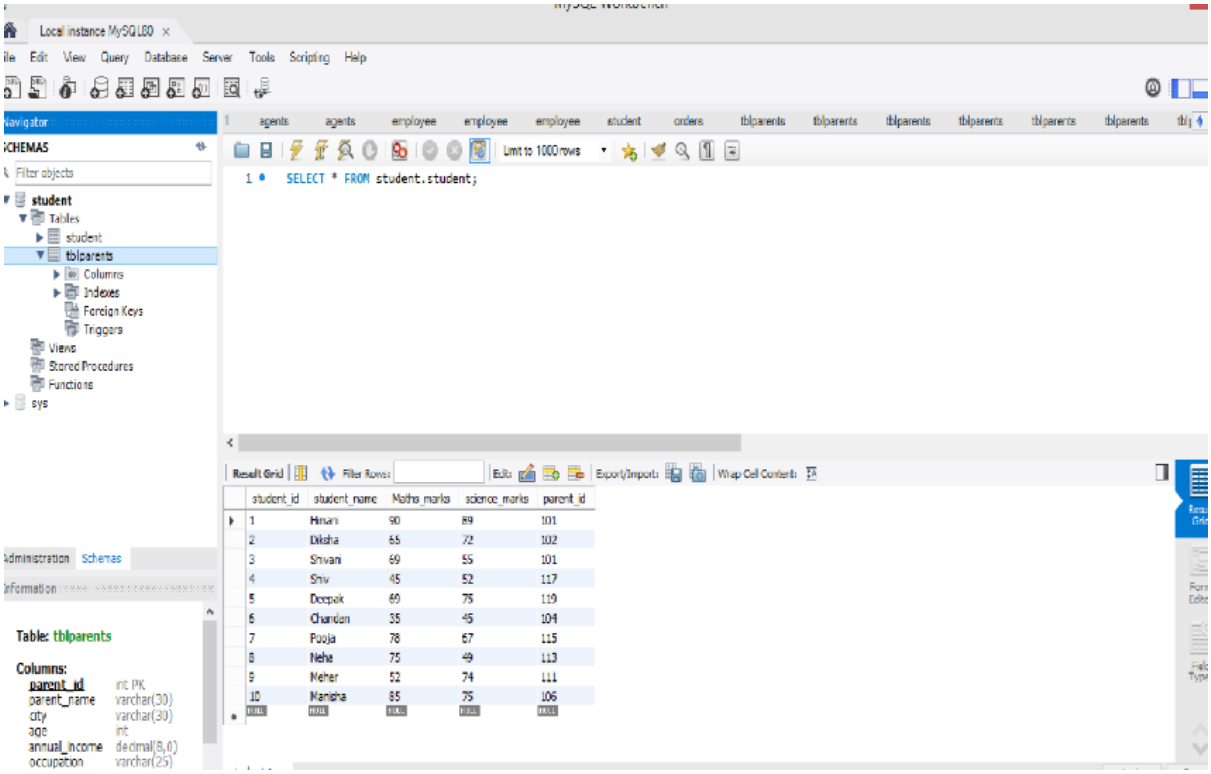
5. SELECT * FROM student.tblparents;

select * from tblparents where annual_income<500000 or age>45;



6. SELECT * FROM student.student;

```
use student;


create table student (
student_id int primary key,
student_name varchar(20),
maths_marks int not null,
science_marks int not null,
parent_id int not null,
foreign key(parent_id) REFERENCES tblparents(parent_id)
);


insert into student values
(1,"Himani", 90,89,101),
(2,"Diksha ",65,72,102),
(3,"Shivani ",69,55,101),
(4,"Shiv",45,52,117),
(5,"Deepak",69,75,119),
(6,"Chandan",35,45,104),
(7,"Pooja",78,67,115),
(8,"Neha",75,49,113),
(9,"Meher",52,74,111),
(10,"Manisha",85,75,106);
commit;
```


Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
student
Tables
student
tblparents
Columns
Indexes
Foreign Keys
Triggers
Views
Stored Procedures
Functions
sys
agents agents employee employee employee student orders tblparents tblparents tblparents tblparents tblparents tblparents
Limit to 1000 rows
1 SELECT * FROM student.student;
Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:
student_id student_name Maths_marks science_marks parent_id
1 Hinani 90 89 101
2 Diksha 65 72 102
3 Shivani 69 55 101
4 Shiv 45 52 117
5 Deepak 69 75 119
6 Chandan 35 45 104
7 Pooja 78 67 115
8 Neha 75 49 113
9 Neher 52 74 111
10 Manisha 85 75 106
Administration Schemas
Information
Table: tblparents
Columns:
parent_id int PK
parent_name varchar(30)
city varchar(30)
age int
annual_income decimal(8,0)
occupation varchar(25)