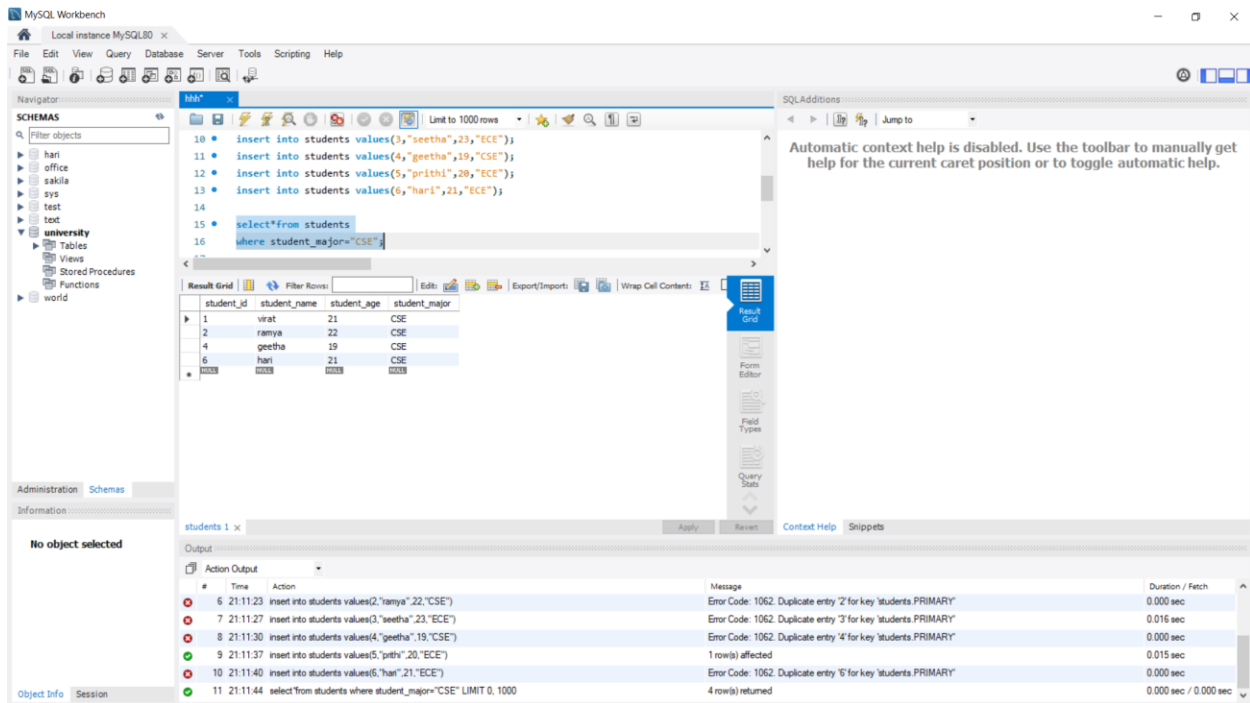


```
create database university;
use university;
create table students(
student_id int primary key,
student_name varchar(50),
student_age int,
student_major varchar(50));
insert into students values(1,"virat",21,"CSE");
insert into students values(2,"ramya",22,"CSE");
insert into students values(3,"seetha",23,"ECE");
insert into students values(4,"geetha",19,"CSE");
insert into students values(5,"prithi",20,"ECE");
insert into students values(6,"hari",21,"ECE");
```

1. Write a query to retrieve the names of all students majoring in "Computer Science"

```
select * from students
where student_major="CSE";
```



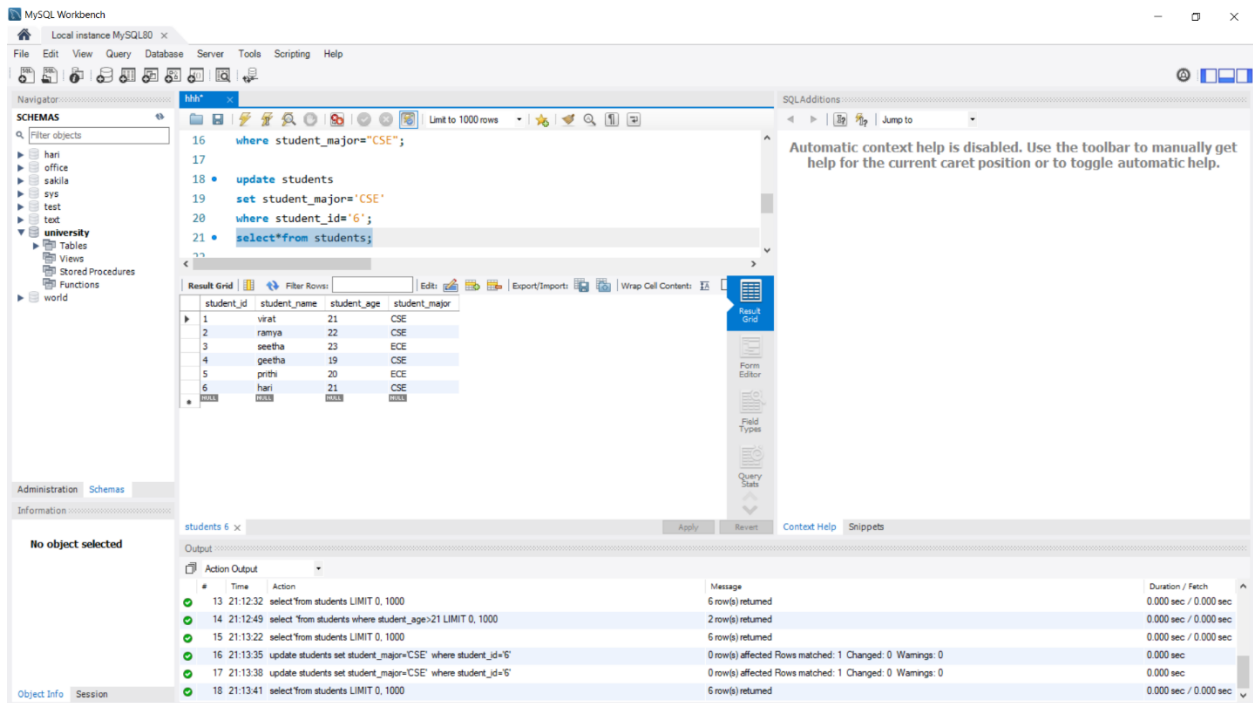
2. Write a query to update the major of a student with a specific student_id.

update students

set student_major='CSE'

where student_id='6';

select*from students;

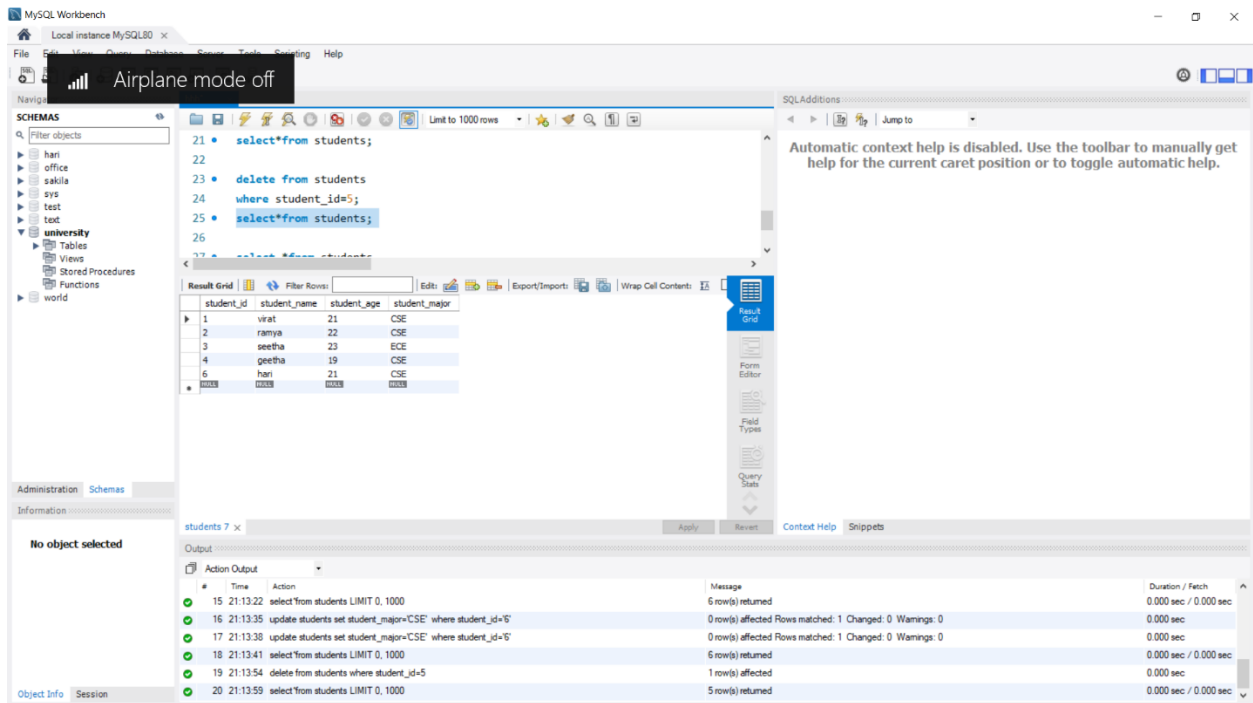


3. Write a query to delete a student with a specific student_id from the "Students" table.

delete from students

where student_id=5;

select*from students;



4. Write a query to retrieve the details of the oldest student in the "Students" table.

`select * from students`

`where student_age > 21;`

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

hari
office
sakila
sys
test
test
university
Tables
Views
Stored Procedures
Functions
world

Administration Schemas

Information

No object selected

Object Info Session

SQL Editor

```

23 • delete from students
24 • where student_id=5;
25 • select*from students;
26
27 • select *from students
28 • where student_age>21;

```

Result Grid

student_id	student_name	student_age	student_major
2	ramya	22	CSE
3	seetha	23	ECE

students 4 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
9	21:11:37	insert into students values(5,"prithi",20,"ECE")	1 row(s) affected	0.015 sec
10	21:11:40	insert into students values(6,"hari",21,"ECE")	Error Code: 1062. Duplicate entry '6' for key 'students PRIMARY'	0.000 sec
11	21:11:44	select from students where student_major="CSE" LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
12	21:12:14	select from students LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
13	21:12:32	select from students LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
14	21:12:49	select from students where student_age>21 LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

5. Write a query to retrieve all records from the "Students" table.

select*from students

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

hari
office
sakila
sys
test
test
university
Tables
Views
Stored Procedures
Functions
world

Administration Schemas

Information

No object selected

Object Info Session

SQL Editor

```

11 • insert into students values(4,"geetha",19,"CSE");
12 • insert into students values(5,"prithi",20,"ECE");
13 • insert into students values(6,"hari",21,"ECE");
14
15 • select*from students
16 • where student_major="CSE";
17
18 • update students
19 • set student_major="CSE"
20 • where student_id="6";
21 • select*from students;
22
23 • delete from students
24 • where student_id=5;
25 • select*from students;
26
27 • select *from students
28 • where student_age>21;
29
30 • select*from students;

```

Result Grid

students 4 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
15	21:13:22	select from students LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
16	21:13:35	update students set student_major="CSE" where student_id="6"	0 row(s) affected Rows matched: 1 Changed: 0 Warnings: 0	0.000 sec
17	21:13:38	update students set student_major="CSE" where student_id="6"	0 row(s) affected Rows matched: 1 Changed: 0 Warnings: 0	0.000 sec
18	21:13:41	select from students LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
19	21:13:54	delete from students where student_id=5	1 row(s) affected	0.000 sec
20	21:13:59	select from students LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.