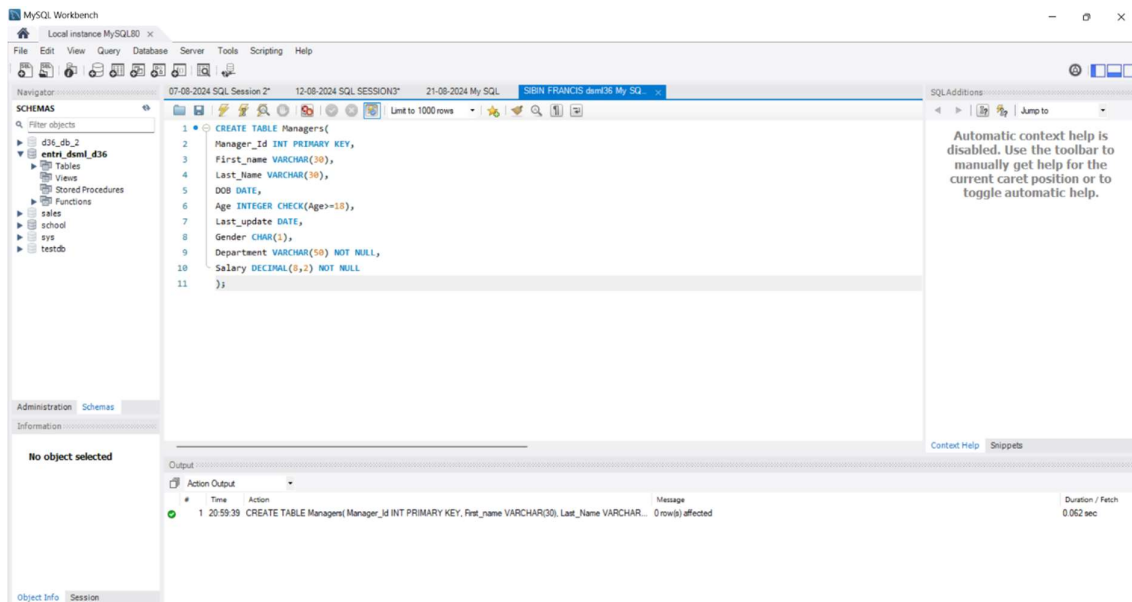
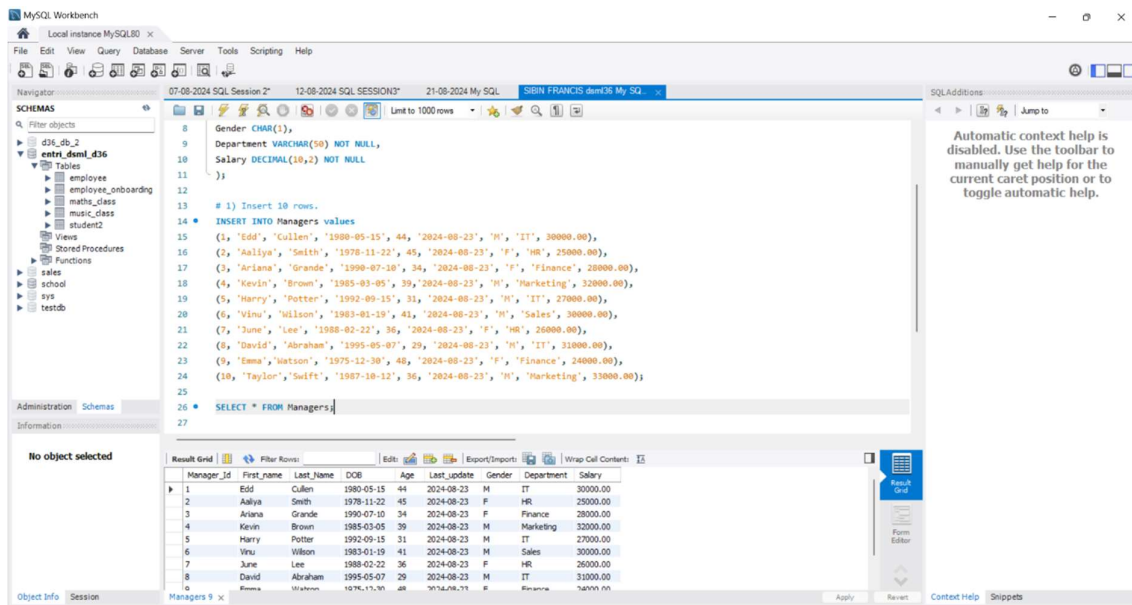


DDL COMMANDS STEPS

➤ CREATED TABLE MANAGERS



➤ INSETED 10 ROWS INTO MANAGERS



➤ QUERY THAT RETRIEVES THE NAME AND DATE OF BIRTH OF THE MANAGER WITH **MANAGER_ID** 1

The screenshot shows the MySQL Workbench interface. The left sidebar displays the 'SCHEMAS' tree with 'd3h_db_2' selected. The main editor contains a SQL script with two queries. The first query inserts 10 rows into the 'Managers' table. The second query retrieves the first name, last name, and date of birth for the manager with Manager_ID 1.

```
13 # 1) Insert 10 rows.
14 INSERT INTO Managers values
15 (1, 'Edd', 'Cullen', '1980-05-15', 44, '2024-08-23', 'H', 'IT', 30000.00),
16 (2, 'Aaliya', 'Smith', '1978-11-22', 45, '2024-08-23', 'F', 'HR', 25000.00),
17 (3, 'Ariana', 'Grande', '1990-07-10', 34, '2024-08-23', 'F', 'Finance', 28000.00),
18 (4, 'Kevin', 'Brown', '1985-03-05', 39, '2024-08-23', 'M', 'Marketing', 32000.00),
19 (5, 'Harry', 'Potter', '1992-09-15', 31, '2024-08-23', 'M', 'IT', 27000.00),
20 (6, 'Vinu', 'Wilson', '1983-01-19', 41, '2024-08-23', 'M', 'Sales', 30000.00),
21 (7, 'June', 'Lee', '1988-02-22', 36, '2024-08-23', 'F', 'HR', 26000.00),
22 (8, 'David', 'Abraham', '1995-05-07', 29, '2024-08-23', 'M', 'IT', 31000.00),
23 (9, 'Emma', 'Watson', '1975-12-30', 48, '2024-08-23', 'F', 'Finance', 24000.00),
24 (10, 'Taylor', 'Swift', '1987-10-12', 36, '2024-08-23', 'M', 'Marketing', 33000.00);
25
26 SELECT * FROM Managers;
27
28 # 2) Write a query that retrieves the name and date of birth of the manager with Manager_Id 1
29 SELECT First_name, Last_name, DOB
30 FROM Managers
31 WHERE Manager_Id = 1;
```

The result grid shows one row of data:

First_name	Last_name	DOB
Edd	Cullen	1980-05-15

➤ QUERY TO DISPLAY THE **ANNUAL INCOME** OF ALL MANAGERS.

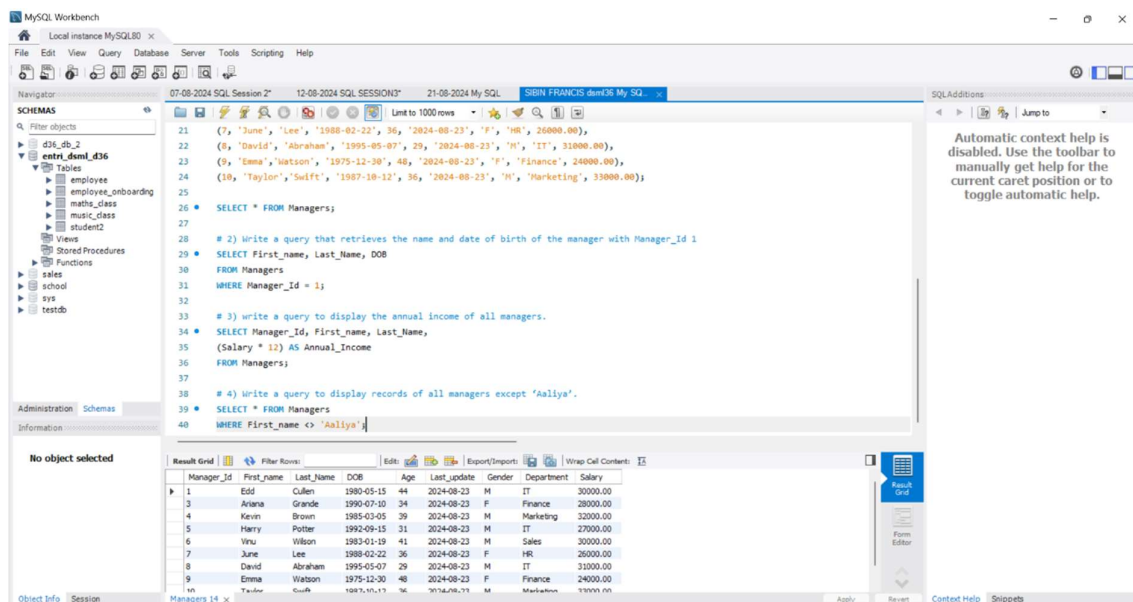
The screenshot shows the MySQL Workbench interface with the same SQL script as the previous image. The third query is added to the script, which calculates the annual income for all managers by multiplying their salary by 12.

```
17 (3, 'Ariana', 'Grande', '1990-07-10', 34, '2024-08-23', 'F', 'Finance', 28000.00),
18 (4, 'Kevin', 'Brown', '1985-03-05', 39, '2024-08-23', 'M', 'Marketing', 32000.00),
19 (5, 'Harry', 'Potter', '1992-09-15', 31, '2024-08-23', 'M', 'IT', 27000.00),
20 (6, 'Vinu', 'Wilson', '1983-01-19', 41, '2024-08-23', 'M', 'Sales', 30000.00),
21 (7, 'June', 'Lee', '1988-02-22', 36, '2024-08-23', 'F', 'HR', 26000.00),
22 (8, 'David', 'Abraham', '1995-05-07', 29, '2024-08-23', 'M', 'IT', 31000.00),
23 (9, 'Emma', 'Watson', '1975-12-30', 48, '2024-08-23', 'F', 'Finance', 24000.00),
24 (10, 'Taylor', 'Swift', '1987-10-12', 36, '2024-08-23', 'M', 'Marketing', 33000.00);
25
26 SELECT * FROM Managers;
27
28 # 2) Write a query that retrieves the name and date of birth of the manager with Manager_Id 1
29 SELECT First_name, Last_name, DOB
30 FROM Managers
31 WHERE Manager_Id = 1;
32
33 # 3) write a query to display the annual income of all managers.
34 SELECT Manager_Id, First_name, Last_name,
35 (Salary * 12) AS Annual_Income
36 FROM Managers;
```

The result grid shows 10 rows of data:

Manager_Id	First_name	Last_name	Annual_Income
1	Edd	Cullen	360000.00
2	Aaliya	Smith	300000.00
3	Ariana	Grande	336000.00
4	Kevin	Brown	384000.00
5	Harry	Potter	324000.00
6	Vinu	Wilson	360000.00
7	June	Lee	312000.00
8	David	Abraham	372000.00
9	Emma	Watson	288000.00
10	Taylor	Swift	396000.00

➤ QUERY TO DISPLAY RECORDS OF ALL MANAGERS EXCEPT 'AALIYA'.



The screenshot shows the MySQL Workbench interface. The SQL editor contains the following query:

```

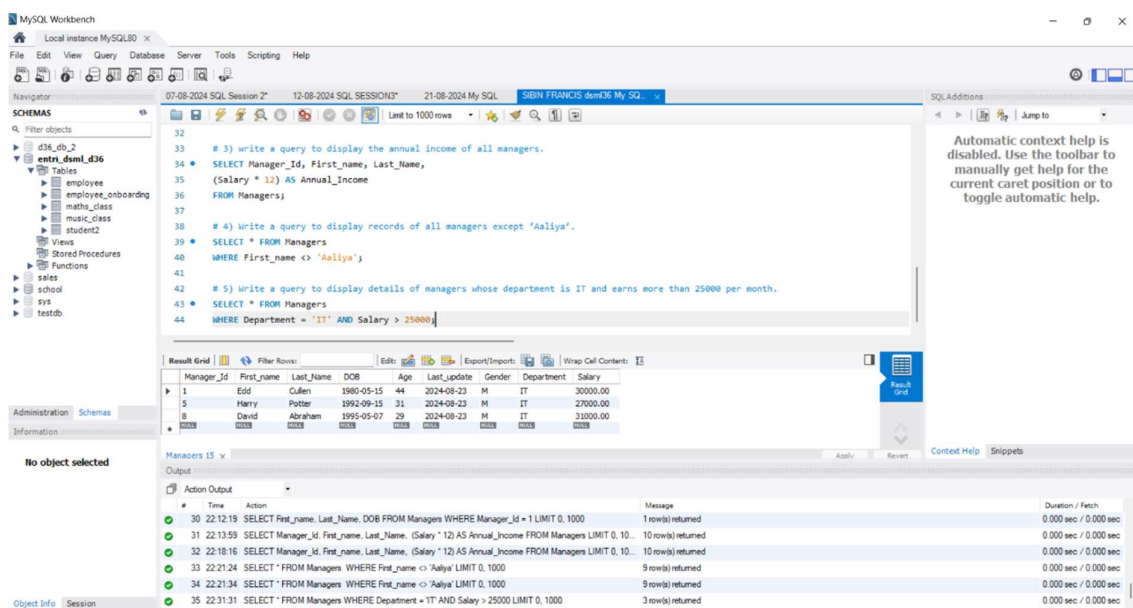
21 (7, 'June', 'Lee', '1988-02-22', 36, '2024-08-23', 'F', 'HR', 26000.00),
22 (8, 'David', 'Abraham', '1995-05-07', 29, '2024-08-23', 'M', 'IT', 31000.00),
23 (9, 'Emma', 'Watson', '1975-12-30', 48, '2024-08-23', 'F', 'Finance', 24000.00),
24 (10, 'Taylor', 'Swift', '1987-10-12', 36, '2024-08-23', 'F', 'Marketing', 33000.00);
25
26 • SELECT * FROM Managers;
27
28 # 2) Write a query that retrieves the name and date of birth of the manager with Manager_Id 1
29 • SELECT First_name, Last_Name, DOB
30 FROM Managers
31 WHERE Manager_Id = 1;
32
33 # 3) write a query to display the annual income of all managers.
34 • SELECT Manager_Id, First_name, Last_Name,
35 (Salary * 12) AS Annual_Income
36 FROM Managers;
37
38 # 4) Write a query to display records of all managers except 'Aaliya'.
39 • SELECT * FROM Managers
40 WHERE First_name <> 'Aaliya';

```

The result grid shows the following data:

Manager_Id	First_name	Last_Name	DOB	Age	Last_update	Gender	Department	Salary
1	Edd	Cullen	1980-05-15	44	2024-08-23	M	IT	30000.00
3	Ariana	Grande	1990-07-10	34	2024-08-23	F	Finance	28000.00
4	Kevin	Brown	1985-03-05	39	2024-08-23	M	Marketing	32000.00
5	Harry	Potter	1992-09-15	31	2024-08-23	M	IT	27000.00
6	Vinu	Wilson	1983-01-19	41	2024-08-23	M	Sales	30000.00
7	June	Lee	1988-02-22	36	2024-08-23	F	HR	26000.00
8	David	Abraham	1995-05-07	29	2024-08-23	M	IT	31000.00
9	Emma	Watson	1975-12-30	48	2024-08-23	F	Finance	24000.00
10	Taylor	Swift	1987-10-12	36	2024-08-23	F	Marketing	33000.00

➤ QUERY TO DISPLAY DETAILS OF MANAGERS WHOSE DEPARTMENT IS 'IT' AND EARNS MORE THAN '25000' PER MONTH.



The screenshot shows the MySQL Workbench interface. The SQL editor contains the following query:

```

32
33 # 3) write a query to display the annual income of all managers.
34 • SELECT Manager_Id, First_name, Last_Name,
35 (Salary * 12) AS Annual_Income
36 FROM Managers;
37
38 # 4) Write a query to display records of all managers except 'Aaliya'.
39 • SELECT * FROM Managers
40 WHERE First_name <> 'Aaliya';
41
42 # 5) Write a query to display details of managers whose department is IT and earns more than 25000 per month.
43 • SELECT * FROM Managers
44 WHERE Department = 'IT' AND Salary > 25000;

```

The result grid shows the following data:

Manager_Id	First_name	Last_Name	DOB	Age	Last_update	Gender	Department	Salary
1	Edd	Cullen	1980-05-15	44	2024-08-23	M	IT	30000.00
5	Harry	Potter	1992-09-15	31	2024-08-23	M	IT	27000.00
8	David	Abraham	1995-05-07	29	2024-08-23	M	IT	31000.00

The Action Output pane shows the following results:

#	Time	Action	Message	Duration / Fech
30	22:12:19	SELECT First_name, Last_Name, DOB FROM Managers WHERE Manager_Id = 1 LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
31	22:13:59	SELECT Manager_Id, First_name, Last_Name, (Salary * 12) AS Annual_Income FROM Managers LIMIT 0, 10...	10 row(s) returned	0.000 sec / 0.000 sec
32	22:18:16	SELECT Manager_Id, First_name, Last_Name, (Salary * 12) AS Annual_Income FROM Managers LIMIT 0, 10...	10 row(s) returned	0.000 sec / 0.000 sec
33	22:21:24	SELECT * FROM Managers WHERE First_name <> 'Aaliya' LIMIT 0, 1000	9 row(s) returned	0.000 sec / 0.000 sec
34	22:21:34	SELECT * FROM Managers WHERE First_name <> 'Aaliya' LIMIT 0, 1000	9 row(s) returned	0.000 sec / 0.000 sec
35	22:31:31	SELECT * FROM Managers WHERE Department = 'IT' AND Salary > 25000 LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec

➤ QUERY TO DISPLAY DETAILS OF MANAGERS WHOSE SALARY IS BETWEEN 10000 AND 35000.

The screenshot shows the MySQL Workbench interface. The SQL editor contains a query to display details of managers whose salary is between 10000 and 35000. The query is as follows:

```
29 SELECT First_name, Last_name, DOB
30 FROM Managers
31 WHERE Manager_id = 1;
32
33 # 3) write a query to display the annual income of all managers.
34 SELECT Manager_id, First_name, Last_name,
35 (Salary * 12) AS Annual_Income
36 FROM Managers;
37
38 # 4) Write a query to display records of all managers except 'Aaliya'.
39 SELECT * FROM Managers
40 WHERE First_name <> 'Aaliya';
41
42 # 5) Write a query to display details of managers whose department is IT and earns more than 25000 per month.
43 SELECT * FROM Managers
44 WHERE Department = 'IT' AND Salary > 25000;
45
46 # 6) Write a query to display details of managers whose salary is between 10000 and 35000.
47 SELECT * FROM Managers
48 WHERE Salary BETWEEN 10000 AND 35000;
```

The results grid shows the following data:

Manager_id	First_name	Last_name	DOB	Age	Last_update	Gender	Department	Salary
1	Edd	Cullen	1980-05-15	44	2024-08-23	M	IT	30000.00
2	Aaliya	Smith	1978-11-22	45	2024-08-23	F	HR	25000.00
3	Ariana	Grande	1990-07-10	34	2024-08-23	F	Finance	28000.00
4	Kevin	Brown	1985-03-05	39	2024-08-23	M	Marketing	32000.00
5	Harry	Potter	1992-09-15	31	2024-08-23	M	IT	27000.00
6	Viv	Wilson	1983-01-19	41	2024-08-23	M	Sales	30000.00
7	June	Lee	1988-02-22	36	2024-08-23	F	HR	26000.00
8	David	Abraham	1995-05-07	29	2024-08-23	M	IT	31000.00
9	Emma	Watson	1976-11-21	48	2024-08-23	F	Finance	24000.00