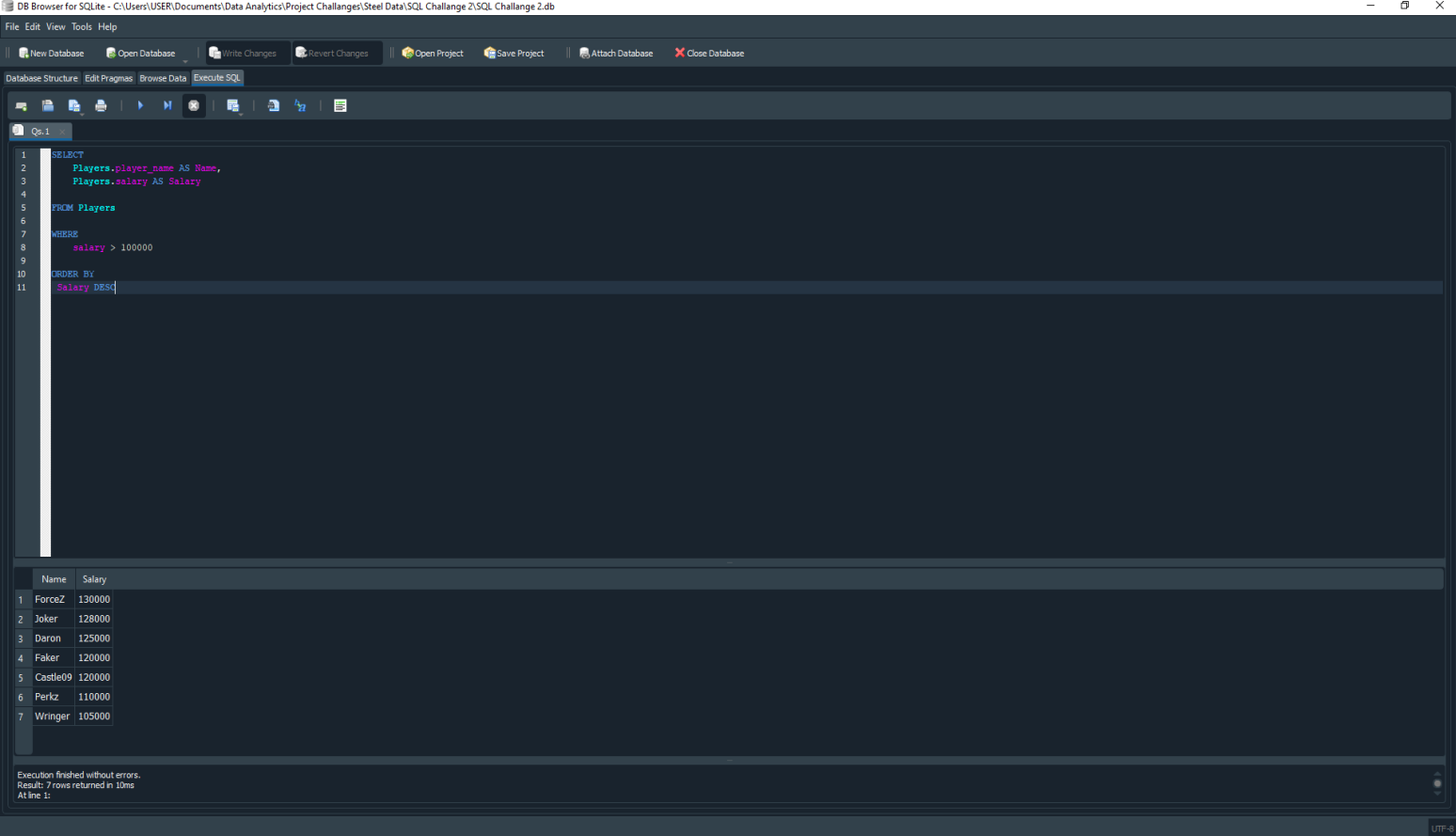


Challenge 2 – Esports Tour

The top eSports competitors from across the globe have gathered to battle it out. Can you analyse the following data to find out all about the tournament?

QUESTION 1: WHAT ARE THE NAMES OF THE PLAYERS WHOSE SALARY IS GREATER THAN 100,000?



The screenshot shows the DB Browser for SQLite interface. The SQL query is as follows:

```
1 SELECT
2   Players.player_name AS Name,
3   Players.salary AS Salary
4
5 FROM Players
6
7 WHERE
8   salary > 100000
9
10 ORDER BY
11   Salary DESC
```

The results are displayed in a table with 7 rows:

	Name	Salary
1	ForceZ	130000
2	Joker	128000
3	Daron	125000
4	Faker	120000
5	Castle09	120000
6	Perkz	110000
7	Wringer	105000

Execution finished without errors.
Result: 7 rows returned in 10ms
At line 1:

There are seven players whose salary is greater than \$100,000. Those players are:

1. “ForceZ”: \$130,000
2. “Joker”: \$128,000
3. “Daron”: \$125,000
4. “Faker”: \$120,000
5. “Castle09”: \$120,000
6. “Perkz”: \$110,000
7. “Wringer”: \$105,000

QUESTION 2: WHAT IS THE TEAM’S NAME OF THE PLAYER WITH player_id = 3?

DB Browser for SQLite - C:\Users\USER\Documents\Data Analytics\Project Challenges\Steel Data\SQL Challenge 2\SQL Challenge 2.db

File Edit View Tools Help

New Database Open Database Write Changes Revert Changes Open Project Save Project Attach Database Close Database

Database Structure Edit Pragma Browse Data Execute SQL

Qs.1.sql Qs.2

```
1 SELECT
2   Players.player_id AS Player_ID,
3   Players.player_name AS Name,
4   Teams.team_name AS Team_Name
5
6 FROM Players
7 INNER JOIN Teams ON
8   Players.team_id = Teams.team_id
9
10 WHERE
11   Player_ID = 3
12
13
14
```

	Player_ID	Name	Team_Name
1	3	Faker	SK Telecom T1

Execution finished without errors.
Result: 1 rows returned in 4ms
All time in region

UTF-8

The team’s name of the player with player_id = 3 (Faker) is “SK Telecom T1”

QUESTION 3: WHAT IS THE TOTAL NUMBER OF PLAYERS IN EACH TEAM?

DB Browser for SQLite - C:\Users\USER\Documents\Data Analytics\Project Challenges\Steel Data\SQL Challenge 2\SQL Challenge 2.db

File Edit View Tools Help

New Database Open Database Write Changes Revert Changes Open Project Save Project Attach Database Close Database

Database Structure Edit Pragma Browse Data Execute SQL

Qs.1.sql Qs.2.sql Qs.3

```
1 SELECT
2     Teams.team_name AS Team_Name,
3     COUNT(Players.player_id) AS Number_of_Players
4
5 FROM Players
6 INNER JOIN Teams ON
7     Players.team_id = Teams.team_id
8
9 GROUP BY
10     Team_Name
11 ORDER BY
12     Number_of_Players DESC
```

	Team_Name	Number_of_Players
1	Team Liquid	3
2	SK Telecom T1	3
3	G2 Esports	3
4	Fnatic	3
5	Cloud9	3

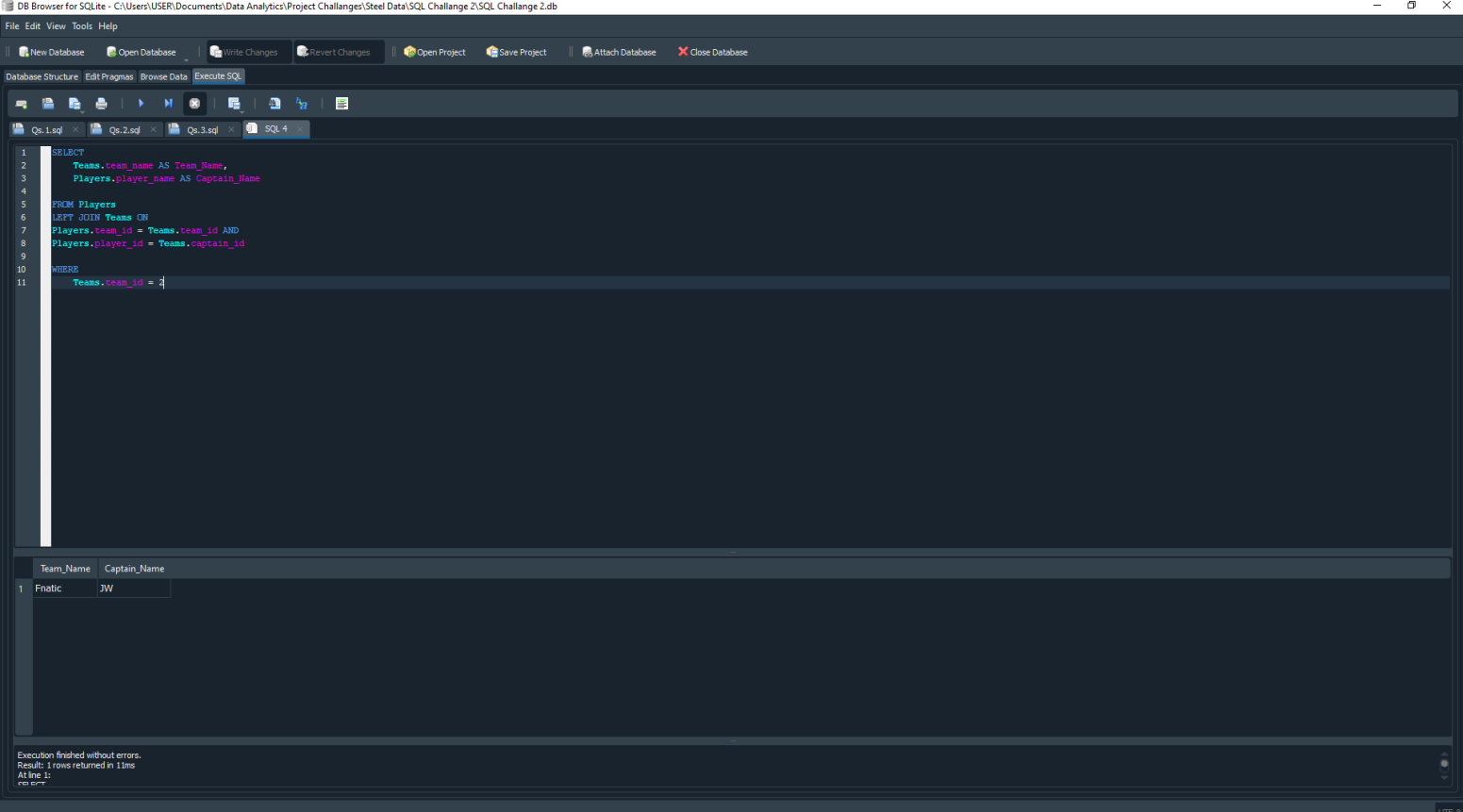
Execution finished without errors.
Result: 5 rows returned in 7ms
At line 11: column

UTF-8

The total number of players in each team are:

- 1. Team Liquid: 3
- 2. SK Telecom T1: 3
- 3. G2 Esports: 3
- 4. Fnatic: 3
- 5. Cloud9: 3

QUESTION 4: WHAT IS THE TEAM'S NAME AND CAPTAIN NAME OF THE TEAM WITH "team_id" = 2?



The screenshot shows the DB Browser for SQLite interface. The SQL editor contains the following query:

```
1 SELECT
2     Teams.team_name AS Team_Name,
3     Players.player_name AS Captain_Name
4
5 FROM Players
6 LEFT JOIN Teams ON
7     Players.team_id = Teams.team_id AND
8     Players.player_id = Teams.captain_id
9
10 WHERE
11     Teams.team_id = 2
```

The results pane displays a single row with the following data:

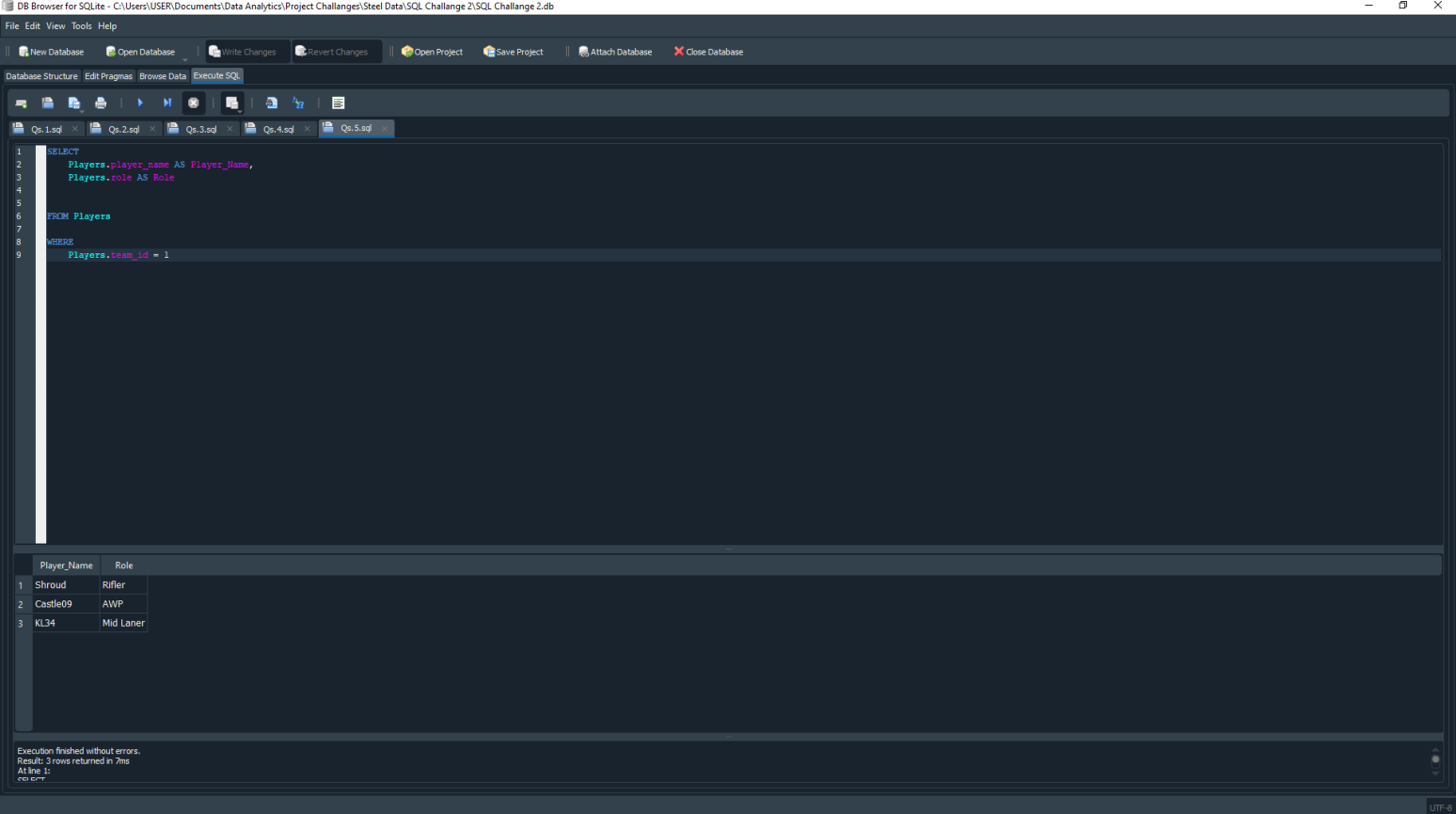
	Team_Name	Captain_Name
1	Fnatic	JW

At the bottom, a status bar indicates: "Execution finished without errors. Result: 1 rows returned in 11ms. At line 11, column 11." The bottom right corner shows the encoding as "UTF-8".

The team's name and captain name of the team with ID number = 2 is:

- "Fnatic", the team's captain name is JW.

QUESTION 5: WHAT ARE THE PLAYER NAMES AND THEIR ROLES IN THE TEAM WITH “team_id” = 1?



The screenshot shows the DB Browser for SQLite application. The main window displays a SQL query in the editor:

```
1 SELECT
2     Players.player_name AS Player_Name,
3     Players.role AS Role
4
5
6 FROM Players
7
8 WHERE
9     Players.team_id = 1
```

Below the editor, the results are displayed in a table with two columns: Player_Name and Role. The table contains three rows of data:

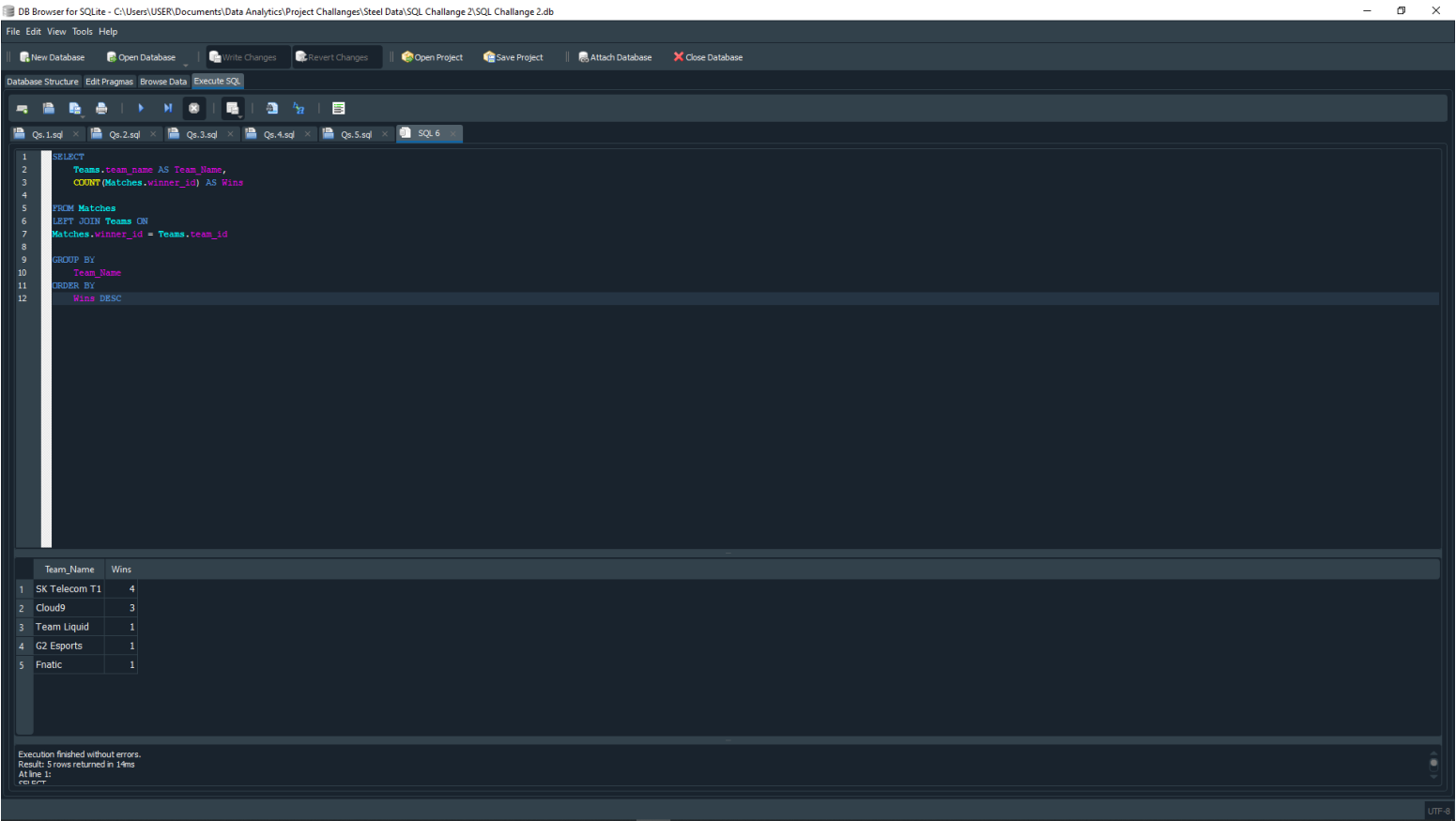
	Player_Name	Role
1	Shroud	Rifler
2	Castle09	AWP
3	KL34	Mid Laner

At the bottom of the window, a status bar indicates: "Execution finished without errors. Result: 3 rows returned in 7ms. Active 1: 0.000".

The player names and their roles in the team with team_id = 1 (Cloud9) are:

1. Player Name: “Shroud”, Role: “Rifler”
2. Player Name: “Castle09”, Role: “AWP”
3. Player Name: “KL34”, Role: “Mid Laner”

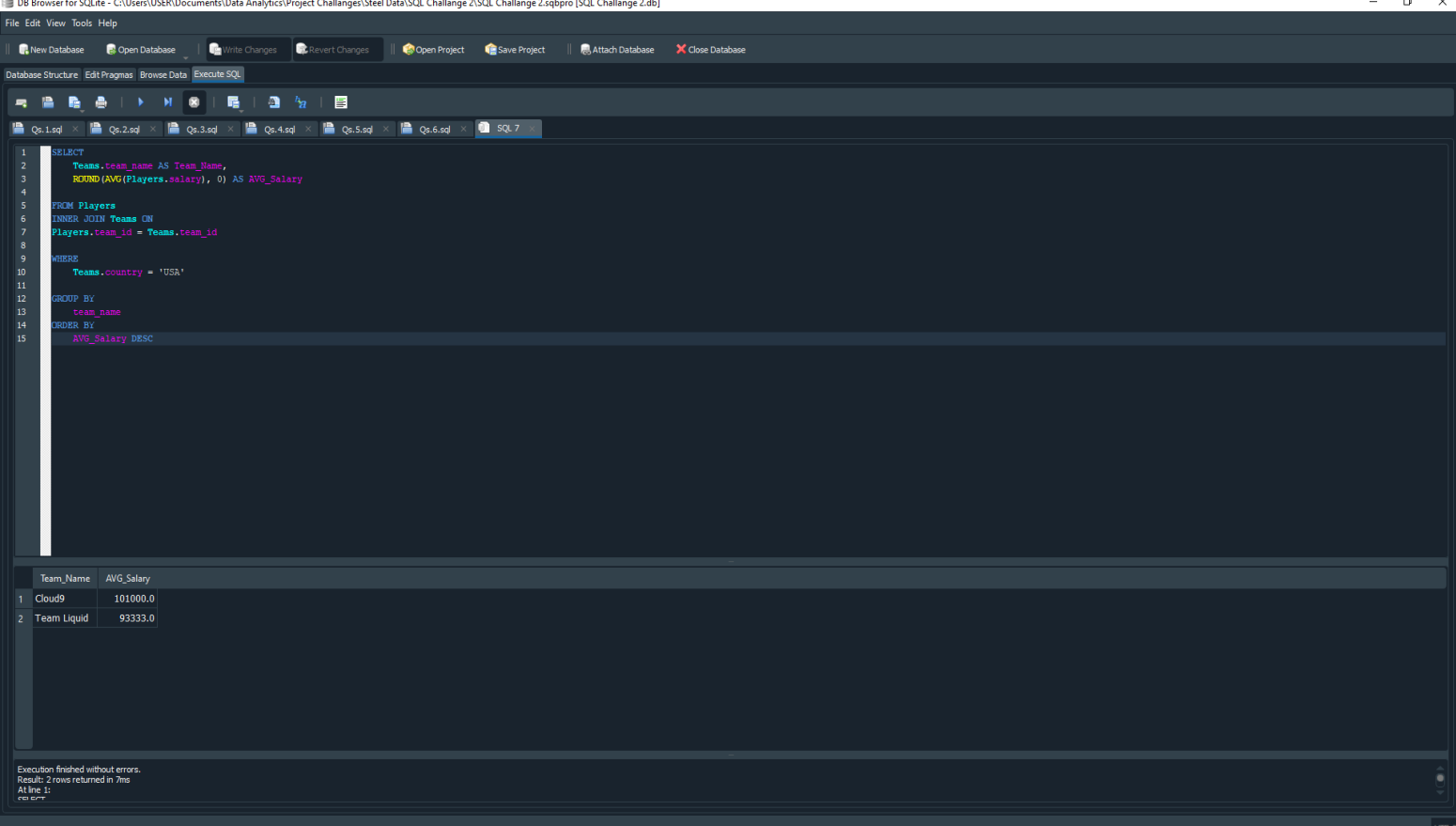
QUESTION 6: WHAT ARE THE TEAM NAMES AND THE NUMBER OF MATCHES THEY HAVE WON?



The number of matches each teams won are:

- 1. SK Telecom T1: 4
- 2. Cloud9: 3
- 3. Team Liquid: 1
- 4. G2 Esports: 1
- 5. Fnatic: 1

QUESTION 7: WHAT IS THE AVERAGE SALARY OF PLAYERS IN THE TEAMS WITH COUNTRY 'USA'?



The screenshot shows a SQL IDE window titled "DB Browser for SQLite - C:\Users\USER\Documents\Data Analytics\Project Challenges\Steel Data\SQL Challenge 2\SQL Challenge 2.sqbp [SQL Challenge 2.db]". The interface includes a menu bar (File, Edit, View, Tools, Help), a toolbar with icons for database operations, and a tab bar showing multiple SQL files (Qs.1.sql to Qs.6.sql and SQL-7). The main editor displays a SQL query:

```
1 SELECT
2     Teams.team_name AS Team_Name,
3     ROUND(AVG(Players.salary), 0) AS AVG_Salary
4
5 FROM Players
6 INNER JOIN Teams ON
7     Players.team_id = Teams.team_id
8
9 WHERE
10     Teams.country = 'USA'
11
12 GROUP BY
13     team_name
14 ORDER BY
15     AVG_Salary DESC
```

Below the query editor, the results are displayed in a table with two columns: "Team_Name" and "AVG_Salary". The table contains two rows of data:

	Team_Name	AVG_Salary
1	Cloud9	101000.0
2	Team Liquid	93333.0

At the bottom of the IDE, a status bar indicates: "Execution finished without errors. Result: 2 rows returned in 7ms. At line 1: no error". The encoding is set to "UTF-8".

The average salary of players in the Teams with country USA are:

1. Cloud9, average salary is \$101,000
2. Team Liquid, average salary is \$93,333

QUESTION 8: WHICH TEAM WON THE MOST MATCHES?

DB Browser for SQLite - C:\Users\USER\Documents\Data Analytics\Project Challenges\Steel Data\SQL Challenge 2\SQL Challenge 2.sqbprou [SQL Challenge 2.db]

File Edit View Tools Help

New Database Open Database Write Changes Revert Changes Open Project Save Project Attach Database Close Database

Database Structure Edit Pragma Browse Data Execute SQL

Qs.1.sql Qs.2.sql Qs.3.sql Qs.4.sql Qs.5.sql Qs.6.sql Qs.7.sql SQL 8

```
1 SELECT
2   Teams.team_name AS Team_Name,
3   Teams.country AS Country,
4   COUNT(Matches.winner_id) AS Wins
5
6 FROM Matches
7 LEFT JOIN Teams ON
8   Matches.winner_id = Teams.team_id
9
10 GROUP BY
11   Team_Name
12 ORDER BY
13   Wins DESC
14
15 LIMIT 1
```

	Team_Name	Country	Wins
1	SK Telecom T1	South Korea	4

Execution finished without errors.
Result: 1 rows returned in 7ms
At line 1:
ready

UTF-8

The team with the most match wins is “SK Telecom T1” from South Korea. They have a total of 4 wins.

QUESTION 9: WHAT ARE THE TEAM NAMES AND THE NUMBER OF PLAYERS IN EACH TEAM WHOSE SALARY IS GREATER THAN 100,000?

DB Browser for SQLite - C:\Users\USER\Documents\Data Analytics\Project Challenges\Steel Data\SQL Challenge 2\SQL Challenge 2.sqbp [SQL Challenge 2.db]

File Edit View Tools Help

New Database Open Database Write Changes Revert Changes Open Project Save Project Attach Database Close Database

Database Structure Edit Pragma Browse Data Execute SQL

Qs.1.sql Qs.2.sql Qs.3.sql Qs.4.sql Qs.5.sql Qs.6.sql Qs.7.sql Qs.8.sql Qs.9.sql

```
1 SELECT
2     Teams.team_name AS Team_Name,
3     COUNT(Players.player_id) AS Number_of_Players
4
5 FROM Players
6 INNER JOIN Teams ON
7     Players.team_id = Teams.team_id
8
9 WHERE
10     Players.salary > 100000
11
12 GROUP BY
13     Team_Name
14 ORDER BY
15     Number_of_Players DESC
```

	Team_Name	Number_of_Players
1	SK Telecom T1	3
2	G2 Esports	2
3	Fnatic	1
4	Cloud9	1

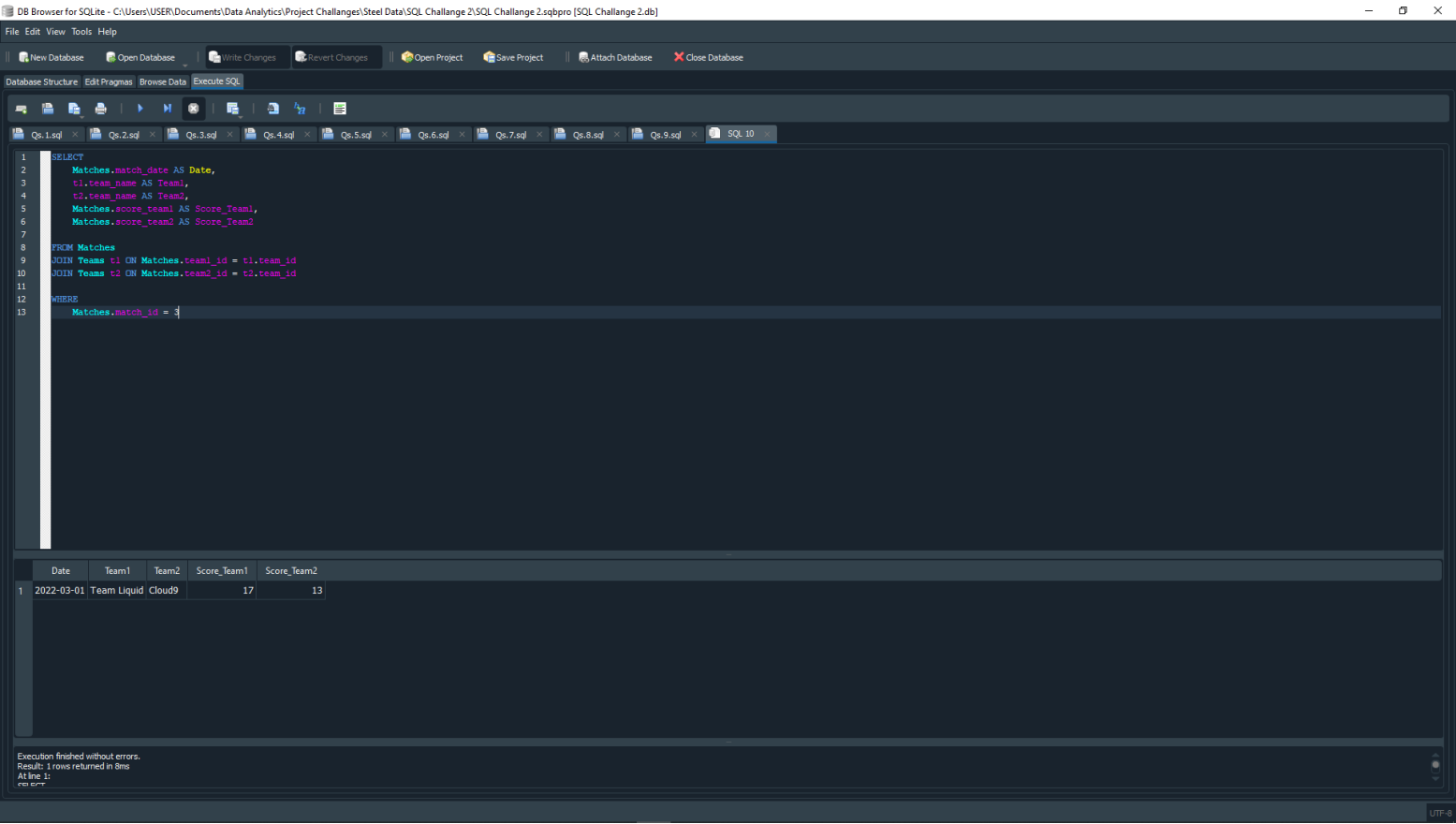
Execution finished without errors.
Result: 4 rows returned in 7ms
At line 12, col 6

UTF-8

The number of players in each team whose salary is greater than \$100,000 are:

- 1. SK Telecom T1: 3
- 2. G2 Esports: 2
- 3. Fnatic: 1
- 4. Cloud9: 1

QUESTION 10: WHAT IS THE DATE AND THE SCORE OF THE MATCH WITH “match_id” = 3?



The match in “match id” = 3, was between “Team Liquid” vs “Cloud9”. The match held on 1st March, 2022 and the score of the match was 17 for “Team Liquid” and 13 for “Cloud9”.