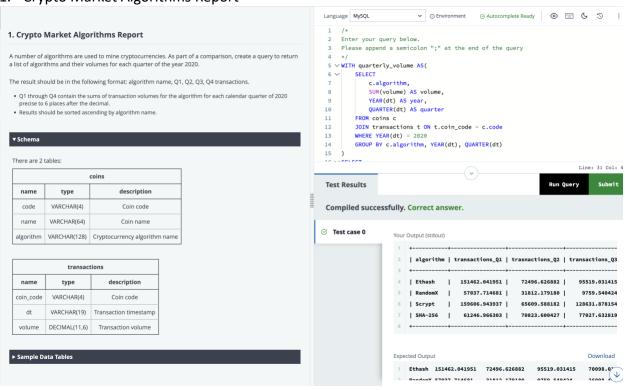
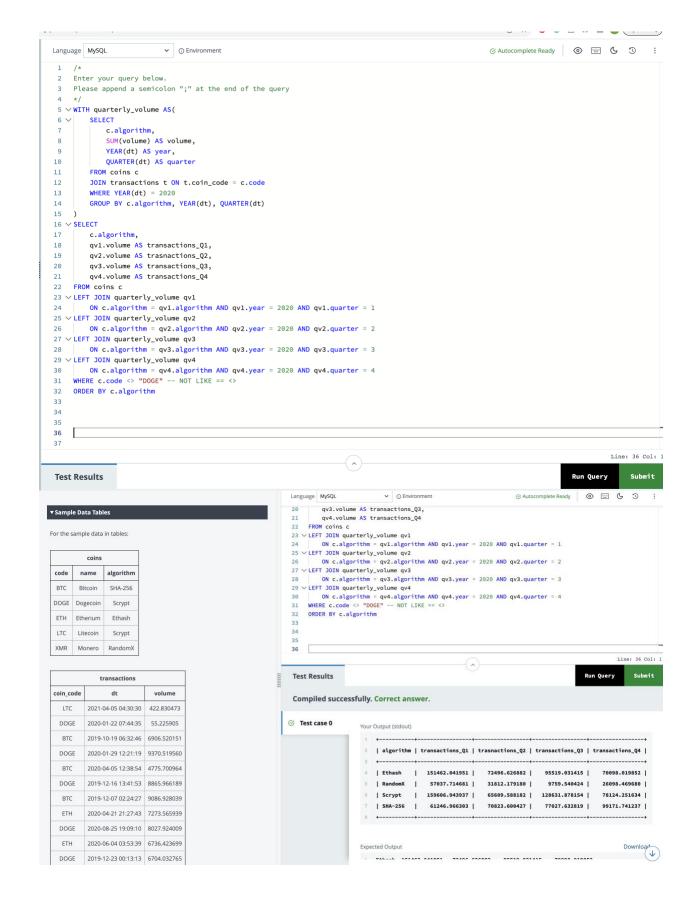
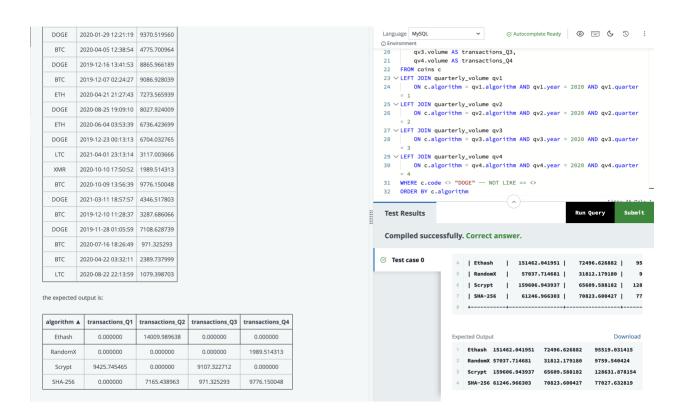
SQL (Advanced)

1. Crypto Market Algorithms Report







2. Winners Chart



There were a number of contests where participants each made multiple attempts. The attempt with the highest score is the only one considered. Write a query to list the contestants ranked in the top 3 for each contest. If multiple contestants have the same score in a contest, they are at the same rank.

Report event_id, rank 1 name(s), rank 2 name(s), rank 3 name(s). Order the contests by event_id. Names that share a rank should be ordered alphabetically and separated by a comma.

Order the report by event_id.

▼ Schema

There is one table: scoretable.

scoretable				
Name	Type	Type Description		
event_id	int	id of the event.		
participant_name	cipant_name varchar(25) name of the participan			
score	float	the score		

▼ Sample Data Tables

	scoretable				
event_id	participant_name	score			
2187	Clemencia	9			
2187	Clemencia	6.6			
2187	Clemencia	8.6			
2187	Susannah	8.8			
2187	Susannah	10			
2187	187 Susannah				
2187	Sixta	7.4			
3478	Hiram	7.2			
3478	Hiram	8.8			
3478	Treasa	9.4			
3478	Treasa	6.6			
3478	Treasa	6.2			
3478	Pa	6.8			
3478	Pa	8.6			
3478	Pa	7			

оитрит						
event_id	first	second	third			
2187	Susannah	Nakita,Otto,Sixta	Clemencia			
3478	Charmaine,Hiram	Karole,Treasa	Amal,Pa			
4361	Pura	Elissa,Joya	Rachele			

Explanation

event_id	participant_name	best	rank
2187	Susannah	10	1
2187	Sixta	9.8	2
2187	Otto	9.8	2
2187	Nakita	9.8	2
2187	Clemencia	9	3

For <code>event_id2187</code>, Susannah has the highest score. Sixta, Otto, and Nakita are tied for the second position. Clemencia is ranked third.

Test Results

```
Language MySQL
      Enter your query below.
Please append a semicolon ";" at the end of the query
        increases the max length for group concat
      SET SESSION group_concat_max_len = 1000000;
  8 ∨ ranked_scores AS(
         SELECT
             event id.
 10
              participant_name,
 12
              score.
              DENSE_RANK() OVER(
               PARTITION BY event_id
ORDER BY score DESC
 14
              ) AS ranking
 16
            SELECT event_id, participant_name, MAX(score) AS score
 18
              FROM scoretable
              GROUP BY event id, participant name
 20
 22 )
 23 V SELECT
         event_id.
 24
 25
         GROUP_CONCAT(CASE WHEN ranking = 1 THEN participant_name END ORDER BY
      participant_name) AS first,
     GROUP_CONCAT(CASE WHEN ranking = 2 THEN participant_name END ORDER BY participant_name) AS second,
          GROUP_CONCAT(CASE WHEN ranking = 3 THEN participant_name END ORDER BY
      participant_name) AS third
      FROM ranked_scores
GROUP BY event_id
      ORDER BY event_id;
                                                                             Line: 30 Col: 19
                                                                                  Submit
 Test Results
                                                                    Run Ouerv
Language MySQL
                           Enter your query below.

Please append a semicolon ";" at the end of the query
     -- increases the max length for group concat
    SET SESSION group_concat_max_len = 1000000;
 8 v ranked_scores AS(
       SELECT
             event_id,
11
             participant_name,
             score,
DENSE_RANK() OVER(
13 ∨
             PARTITION BY event_id
ORDER BY score DESC
14
             ) AS ranking
            SELECT event_id, participant_name, MAX(score) AS score
18
              FROM scoretable
             GROUP BY event_id, participant_name
22 )
         event_id,
GROUP_CONCAT(CASE WHEN ranking = 1 THEN participant_name END ORDER BY
     participant_name) AS first,
          GROUP_CONCAT(CASE WHEN ranking = 2 THEN participant_name END ORDER BY
     participant name) AS second.
         GROUP_CONCAT(CASE WHEN ranking = 3 THEN participant_name END ORDER BY
     participant_name) AS third
    FROM ranked_scores
GROUP BY event_id
ORDER BY event_id;
                                                                            Line: 30 Col: 19
```

