```sql
 1  USE PRACTICE;
 2
 3  SELECT * FROM messages_table;
 4
 5  /* renaming A table */
 6  /*sp stands for stored procedures */
 7  EXEC sp_rename 'messages', 'messages_table';
 8
 9  /** Changing the Data type **/
10  alter table messages_table alter column sent_date DATETIME2(0);
11
12  /*Write a query to identify the top 2 Power Users who sent the highest
       number of messages
13  on Microsoft Teams in August 2022.
14  Display the IDs of these 2 users along with the total number of messages
       they sent.
15  Output the results in descending order based on the count of the
       messages.*/
16
17  SELECT TOP 2(sender_id), COUNT(content) As Total_messages_sent FROM
       messages_table
18                WHERE YEAR(sent_date) = 2022
19                AND MONTH(sent_date) = 8
20                GROUP BY sender_id
21                ORDER BY Total_messages_sent DESC;
22
23  /*Option 2 for Mysql */
24  SELECT sender_id, COUNT(Content) As Total_messages  FROM messages_table
25  WHERE EXTRACT(YEAR FROM sent_date) = 2022
26  AND EXTRACT(MONTH FROM sent_date) = 8
27  GROUP BY sender_id
28  ORDER BY  Total_messages DESC LIMIT 2;
29
```