As IT professionals, we often write complex queries, but how often do we consider their execution order?  
  
Here's a breakdown to enhance our understanding:  
  
🔹 𝗙𝗿𝗼𝗺 𝘁𝗵𝗲 𝗚𝗿𝗼𝘂𝗻𝗱 𝗨𝗽: Every SQL query begins its journey with the 𝙵𝚁𝙾𝙼 clause. This is where it gathers the required data.  
  
🔹 𝗪𝗵𝗲𝗿𝗲 𝘁𝗼 𝗙𝗶𝗹𝘁𝗲𝗿: The 𝚆𝙷𝙴𝚁𝙴 clause comes next, filtering the data based on our conditions.  
  
🔹 𝗚𝗿𝗼𝘂𝗽𝗶𝗻𝗴 𝗮𝗻𝗱 𝗔𝗴𝗴𝗿𝗲𝗴𝗮𝘁𝗶𝗼𝗻: Following this, 𝙶𝚁𝙾𝚄𝙿 𝙱𝚈 organizes the data into groups, and 𝙷𝙰𝚅𝙸𝙽𝙶 filters these groups.  
  
🔹 𝗦𝗲𝗹𝗲𝗰𝘁𝗶𝗻𝗴 𝗗𝗮𝘁𝗮: The 𝚂𝙴𝙻𝙴𝙲𝚃 clause, contrary to common belief, is executed later. It picks the data to be displayed after the above steps.  
  
🔹 𝗙𝗶𝗻𝗶𝘀𝗵𝗶𝗻𝗴 𝗧𝗼𝘂𝗰𝗵𝗲𝘀: Finally, 𝙾𝚁𝙳𝙴𝚁 𝙱𝚈 sorts the results, and 𝙻𝙸𝙼𝙸𝚃 restricts the number of rows returned.  
  
Understanding this sequence is key to writing efficient queries and debugging them effectively.  
  
P.S.: Each SQL dialect, from MySQL to Oracle, contributes its own unique characteristics to the basic query execution structure.  
  
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