This SQL script identifies and ranks competitors who have won medals in exactly two different sports, keeping only the top three by total medal count.

**Step 1 — Clear any previous temporary data**

Before creating new results, the script deletes any existing temporary table with the same name to avoid duplication or conflicts.

**Step 2 — Build a dataset of multi-sport medalists**

A new temporary table is created to hold information about competitors who have earned medals in two distinct sports.

To do this:

* It connects data from several related tables that track competitors, their events, the medals they received, and their personal details.
* Each competitor is grouped by their personal identifier and name.
* Two key quantities are calculated for each person:
  + The number of distinct events or sports where medals were won.
  + The total number of medals earned overall.

After grouping, only those competitors whose count of distinct sports equals two are kept.  
This ensures the table contains **only athletes who earned medals in exactly two sports.**

**Step 3 — Rank and isolate the top performers**

A second temporary table is created to store only the highest-achieving athletes from the previous result.

From the list of all two-sport medalists:

* Competitors are ordered by their total number of medals, from highest to lowest.
* The top three individuals are selected and saved into this new table.

**Step 4 — Show the final output**

The final command simply displays the contents of the last temporary table, revealing the three competitors who:

1. Have medals in exactly two different sports, and
2. Have earned the most medals among that group.

**Overall purpose**

The sequence of operations filters Olympic data down to a concise summary of the most successful multi-sport medalists, ranking them by total achievement.