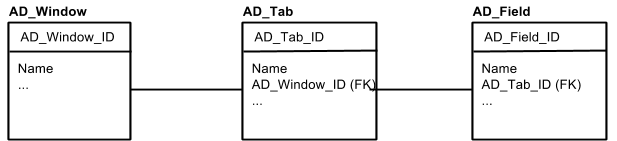
**SQL- Willians Eleno**

Given this ER



Write the following SQL queries:

1. Name of window with AD\_Window\_ID = ‘100’
2. Update window with AD\_Window\_ID = ‘100’ appending ‘--’ to the name of window with AD\_Window\_ID = ‘100’
3. List of all tabs in window with AD\_Window\_ID = ‘100’
4. List of tab name + field name of all tabs in AD\_Window\_ID = ‘100’ sorted by tab name and field name
5. Name and number of tabs of all windows
6. List of all windows with its number of fields, sorting by number of fields starting by the windows with a higher number of them
7. Windows with more than 5 tabs

***Respuestas:***

**1-** SELECT Name

FROM AD\_Windows

WHERE AD\_Window\_ID = 100

**2-** UPDATE AD\_Windows

SET Name = Name || '--'

WHERE AD\_Window\_ID = 100

**3-** SELECT \*

FROM AD\_Tab

INNER JOIN AD\_Windows

ON AD\_Tab.AD\_Window\_ID\_FK = AD\_Windows.AD\_Window\_ID

WHERE AD\_Windows.AD\_Window\_ID = 100

**4 -** SELECT AD\_Tab.Name, AD\_Field.Name

FROM AD\_Tab

INNER JOIN AD\_Field ON AD\_Tab.AD\_Tab\_ID = AD\_Field.AD\_Tab\_ID\_FK

WHERE AD\_Tab.AD\_Window\_ID\_FK = 100

ORDER BY AD\_Tab.Name, AD\_Field.Name

or

SELECT AD\_Tab.Name, AD\_Field.Name

FROM AD\_Tab

INNER JOIN AD\_Field ON AD\_Tab.AD\_Tab\_ID = AD\_Field.AD\_Tab\_ID\_FK

INNER JOIN AD\_Window ON AD\_Tab.AD\_Window\_ID\_FK = AD\_Window.AD\_Window\_ID

WHERE AD\_Window.AD\_Window\_ID = 100

ORDER BY AD\_Tab.Name, AD\_Field.Name

**5-** SELECT AD\_Windows.Name,

COUNT(AD\_Tab.AD\_Tab\_ID)

FROM AD\_Windows

LEFT JOIN AD\_Tab ON AD\_Windows.AD\_Window\_ID = AD\_Tab.AD\_Window\_ID\_FK

GROUP BY AD\_Windows.Name

**6-**SELECT AD\_Windows.Name,

COUNT(AD\_Field.AD\_Field\_ID)

AS Field\_Count

FROM AD\_Windows

LEFT JOIN AD\_Tab

ON AD\_Windows.AD\_Window\_ID = AD\_Tab.AD\_Window\_ID\_FK

LEFT JOIN AD\_Field

ON AD\_Tab.AD\_Tab\_ID = AD\_Field.AD\_Tab\_ID\_FK

GROUP BY AD\_Windows.Name

ORDER BY Field\_Count DESC

Aclaración: Tuve que hacer dos left Join porque la tabla windows no tiene relación directa con la tabla Field

**7-** SELECT AD\_Window\_ID, Name,

COUNT(AD\_Tab\_ID)

AS Tab\_Count

FROM AD\_Windows

JOIN AD\_Tab

ON AD\_Windows.AD\_Window\_ID = AD\_Tab.AD\_Window\_ID\_FK

GROUP BY AD\_Window\_ID, Name

HAVING Tab\_Count > 5