

Technical Test

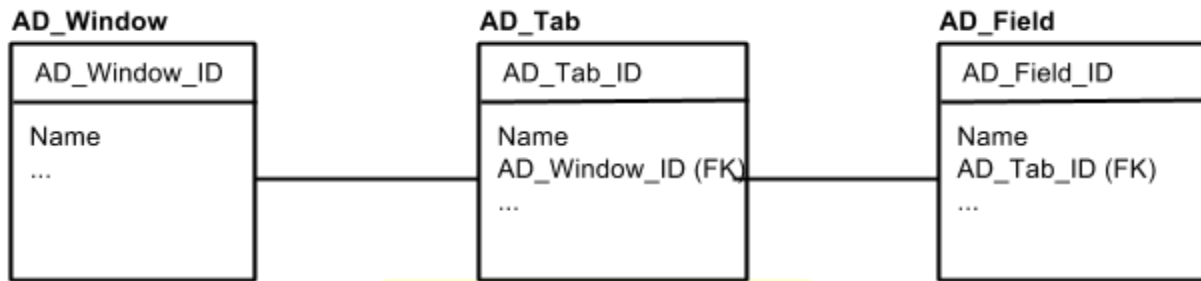
SQL

June 2022

Presented by
Tomás Rodeghiero

SQL EXERCISES

Given this ER



Write the following SQL queries:

1. Name of window with AD_Window_ID = '100'

ANSWER

```
select Name from AD_Window where AD_Window_ID = '100'
```

2. Update window with AD_Window_ID = '100' appending '--' to the name of window with AD_Window_ID = '100'

ANSWER

```
update AD_Window set Name = Name + '--' where AD_Window_ID = '100'
```

3. List of all tabs in window with AD_Window_ID = '100'

ANSWER

```
select * from AD_Tab where 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

ANSWER

```
select t.Name, f.Name from AD_Tab t
inner join AD_Field f
on f.Name = t.Name
where AD_Window_ID = '100'
order by t.Name, f.Name
```

5. Name and number of tabs of all windows

ANSWER

```
select w.Name, count(*) as cant from AD_Tab t
inner join AD_Window w
on w.Name = t.Name
group by w.name
```

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

ANSWER

```
select w.Name, count(*) as cant from AD_Field f
inner join AD_Tab t
on t.Name = f.Name
inner join AD_Window w
on w.Name = t.Name
group by w.name
order by cant desc
```

7. Windows with more than 5 tabs

ANSWER

```
select name, count(*) as cant from AD_Tab
group by name
having count(*) >= 5
order by cant desc
```