Milestone Three – Jo De Leon

DAD-220-J1269

**Task One**

*select person.first\_name as 'First Name', person.last\_name as 'Last Name', building.building\_name as 'Building Name', room.room\_number as 'Room Number', meeting.meeting\_start as 'Event Start', meeting.meeting\_end as 'Event End'*

*-> from person, building, room, meeting*

*-> where person.person\_id = 1 and building.building\_id = room.building\_id and room.room\_id = meeting.room\_id;*

**A screenshot of a computer screen

Description automatically generated**

Explanation: *This statement selects columns from numerous tables to output the data under each column while using a “where” clause which acts as a condition for the statement.*

**Task Two**

*select person.first\_name as 'First Name', person.last\_name as 'Last Name', building.building\_name as 'Building Name', room.room\_number as 'Room Number', meeting.meeting\_start as 'Event Start', meeting.meeting\_end as 'Event End'*

*from person, building, room, meeting,* ***person\_meeting***

*where meeting.meeting\_id = 2 and meeting.room\_id = room.room\_id and room.building\_id = building.building\_id* ***and person.person\_id=person\_meeting.person\_id and meeting.meeting\_id=person\_meeting.meeting\_id;***

A screenshot of a computer

Description automatically generated

Explanation: *This statement selects columns from numerous tables to output the data under each column while using a “where” clause which acts as a condition for the statement.*

**Task Three**

*select person.first\_name as 'First Name', person.last\_name as 'Last Name', building.building\_name as 'Building Name', room.room\_number as 'Room Number', meeting.meeting\_id, meeting.meeting\_start as 'Event Start', meeting.meeting\_end as 'Event End'*

*-> from person, building, room, meeting****, person\_meeting***

*-> where building.building\_id = 2 and building.building\_id = room.building\_id and room.room\_id = meeting.room\_id* ***and person.person\_id=person\_meeting.person\_id and meeting.meeting\_id=person\_meeting.meeting\_id;***

A close up of a computer

Description automatically generated

Explanation: *This statement selects columns from numerous tables to output the data under each column while using a “where” clause which acts as a condition for the statement.*

**Task Four**

*select count(person****\_meeting****.person\_id) as 'Count of meeting attendees', meeting.meeting\_id as 'Meeting ID', meeting.meeting\_start as 'Meeting Start', meeting.meeting\_end as 'Meeting End'*

*-> from person, meeting, building, person\_meeting****, room***

***WHERE building.building\_id=room.building\_id and room.room\_id=meeting.room\_id and meeting.meeting\_id=person\_meeting.meeting\_id***

*-> group by meeting.meeting\_id;*

A screenshot of a computer

Description automatically generated

Explanation: *This statement selects columns from numerous tables to output the count of the total data of a single column with conditions set by the “where” clause and is then grouped by a certain column.*

**Task Five**

*select person.first\_name as 'First Name', person.last\_name as 'Last Name', meeting.meeting\_id as 'Meeting ID', meeting.meeting\_start as 'Event Start', meeting.meeting\_end as 'Event*

*End'*

*-> from person*

*-> inner join person\_meeting on person.person\_id = person\_meeting.person\_id*

*-> inner join meeting on meeting.meeting\_id = person\_meeting.meeting\_id*

*-> where meeting.meeting\_start > '2016-12-25 12:00:00';*

A screenshot of a cell phone

Description automatically generated

Explanation: *This statement selects columns from numerous tables and joins them using ‘Inner Join’ by indicating which columns have the same values and setting those columns equal to each other that return only the data based on the condition(s) given with the “where” clause.*