



DML Exercise

Rubric:

To evaluate:	Good	Insufficient
The number of queries answered	The number of queries created were 4 (3 points)	The number of total queries created was less than 4 (2 points)
Query one <pre>select D.TITLE_DISC, PROD_YEAR, TITLE_MUSIC_PIECE, NO_TRACK FROM COMPACT_DISC D,RECORDED_DISCS DG,MUSIC_PIECE PM WHERE D.ID_DISC='X01' AND D.ID_DISC=DG.ID_DISC AND DG.NO_MUSIC_PIECE = PM.NO_MUSIC_PIECE ORDER BY NO_TRACK;</pre>	Answered correctly the query one (3 points)	Do not answered correctly the query one (0 points)
Query two The query should be answered by a union of joins <pre>select TITLE_MUSIC_PIECE as PIECE_OF_MUSIC, P.NAME as NAME_OF_PERSON, A.NAME_AUTHORSHIP AS 'authorship/instrument' FROM MUSIC_PIECE PM,PEOPLE P, AUTHORSHIP A,AUTHORS_MUSIC_PIECE APM WHERE PM.TITLE_MUSIC_PIECE='I will follow' AND PM.NO_MUSIC_PIECE=APM.NO_MUSIC_PIECE AND P.ID_PERSON = APM.ID_PERSON AND APM.TYPE_AUTHORSHIP = A. TYPE_AUTHORSHIP UNION Select TITLE_MUSIC_PIECE as PIECE_OF MUSIC, P.NAME as NAME_OF_PERSON, NAME_INST AS 'authorship/instrument' FROM MUSIC_PIECE PM,PEOPLE P,INSTRUMENTS I, PLAYS T WHERE PM. TITLE_MUSIC_PIECE ='I will follow' AND PM. NO_MUSIC_PIECE = T. NO_MUSIC_PIECE AND P.ID_PERSON = T.ID_PERSON AND T.ID_INSTRUMENT = I.ID_INSTRUMENT ORDER BY 1,2</pre>	The query should be answered by a union of joins. Joins are required for piece of music, people, discs and instruments this output should be united with the join of piece of music, people, disc and authorships. (3 points)	The query contains the right joins but instruments and authorships were joined. The join does not present the expected answer. (2 points)



<p>Query three</p> <p>Join between people, instruments, plays</p> <pre>select NAME,NAME_INST from PEOPLE P,INSTRUMENTS I,PLAYS T WHERE NAME_INST = 'GUITAR' AND P.ID_PERSON=T.ID_PERSON AND I.ID_INSTRUMENT = T.ID_INSTRUMENT</pre>	<p>Join between people, instruments, plays It can be also solved by subquery and join (3 points)</p>	<p>The join does not present the expected answer (1 points)</p>
<p>Query four shall be a union of joins</p> <pre>select TITLE_MUSIC_PIECE,TITLE_DISC,PROD_YEAR ,NO_TRACK,NAME,NATIONALITY,NAME_AUTHOR SHIP AS 'AUTHORSHIP/INSTRUMENT' FROM MUSIC_PIECE PM,COMPACT_DISC D,RECORDED_DISCS DG,PEOPLE P,AUTHORS_MUSIC_PIECE APM,AUTHORSHIP A WHERE PM.NO_MUSIC_PIECE=DG.NO_MUSIC_PIECE AND D.ID_DISC = DG.ID_DISC AND P.ID_PERSON=APM.ID_PERSON AND DG.NO_MUSIC_PIECE=APM.NO_MUSIC_PIECE AND APM.TYPE_AUTHORSHIP = A. TYPE_AUTHORSHIP UNION select TITLE_MUSIC_PIECE,TITLE_DISC,PROD_YEAR ,NO_TRACK,NAME,NATIONALITY,NAME_INST AS 'AUTHORSHIP/INSTRUMENT' FROM MUSIC_PIECE PM,COMPACT_DISC D,RECORDED_DISCS DG,PEOPLE P,PLAYS T,INSTRUMENTS I WHERE PM.NO_MUSIC_PIECE =DG.NO_MUSIC_PIECE</pre>	<p>Query four shall be a union of joins (3 points)</p>	<p>The join does not present the expected answer (1 points)</p>