**WO4 Paper**

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Joins make querying data and controlling access to the database and its objects easier.

Joins have to appear next after the FROM clause because the JOIN clause will bring the users name of a selected table that is to share data with the first table in the FROM clause

For example; SELECT fname, lname, dob

FROM artist a

JOIN artwork ar

ON a.artist\_id = ar.artist\_id;

Here the two tables in the FROM and JOIN clauses are compared basing on the condition after the ON clause. When joining a table by its self, using either INNER, OUTER, or CROSS Joins for simplicity should be used.

For example; SELECT fname, lname

FROM artist a

INNER JOIN artwork ar

ON a.artist\_id = ar.artist\_id

INNER JOIN local\_artist la

ON ar.artwork\_id = la.artwork\_id;

For this case, I have learnt that JOIN is helpful when accessing data from multiple tables basing on the relationship between them and fetching data from a database and displays them in a separate-single table.