**Condition2:** Whenever the data to be selected and the condition to be executed are present in 2 different tables we go for sub query.

Diagram (ref notes)

**Example:**

1. WAQTD dept name of miller.
2. WAQTD details of the employees working in research department.
3. WAQTD location of the employees with the empid 7902.
4. WAQTD number of employees hired after smith into the department accounting.
5. WAQTD the dname of smith and king.

**TYPES OF SUB QUERY**

* Single row sub query
* Multi row sub query

1. **Single row sub query: -** If the sub query returns exactly one record then we call it as single row sub query.

If the sub query return exactly one record we can use any type of operator to write the condition.

1. **Multi row sub query: -** If the sub query returns more than one record then we call it as multi row sub query.

If the sub query returns more than one record we can’t use normal operators. We have to use special operators such as **IN, NOT IN, ALL, ANY**