Sample Data 1

Employees Table

EmployeeID	FirstName	LastName	DepartmentID	Salary	HireDate
1	John	Doe	1	60000	2020-01-15
2	Jane	Smith	2	80000	2019-06-23
3	Sam	Brown	1	70000	2021-03-12
4	Lucy	Green	3	90000	2018-11-01
5	Mark	Johnson	2	75000	2020-09-09
6	Sarah	White	3	85000	2017-05-18

Sample Data 2

Departments Table

DepartmentID	DepartmentName
1	IT
2	HR
3	Finance

Question
Find the FirstName and LastName of employees who are earning more than the average salary of their respective departments.

Answer

**Select FirstName, LastName
From Employees
Where Salary > (SELECT AVG(Salary) from Employees);**

OUTPUT

	FirstName	LastName
▶	Jane	Smith
	Lucy	Green
	Sarah	White

What Is SubQuery?

▶ A SUBQUERY is like a Query within a Query it also known as **INNER QUERY or NESTED QUERY.**

▶ The inner Query is executed First and its result is used by Outer Query.

▶ SUBQUERIES can be used in **SELECT, INSERT, UPDATE or DELETE Statements.** They help in performing complex Queries and Retrieving Specific Data based on Conditions.

▶ SYNTAX:

 SELECT column1, column2,..

 FROM table_nameWHERE column_name OPERATOR (SELECT column_name FROM table_name WHERE condition);