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Tugas Pertemuan Ke-9

sub query

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Kelas: TI – 23 – PA (Lab 2)

BASIS DATA

PERTEMUAN IX

Github: <https://github.com/Rifandy232310001TeknologiInformasi/Basis_Data-Lab>

Soal nomor 1

SELECT k.nama\_karyawan, k.jabatan

FROM Karyawan k

WHERE k.id\_karyawan IN (

SELECT p.id\_karyawan

FROM Pesanan p

);

Soal nomor 2

SELECT r.tanggal\_reservasi, r.jumlah\_orang

FROM Reservasi r

WHERE r.jumlah\_orang = (

SELECT MAX(jumlah\_orang)

FROM Reservasi

);

Soal nomor 3

SELECT pl.nama\_pelanggan, pl.no\_telepon

FROM Pelanggan pl

WHERE pl.id\_pelanggan NOT IN (

SELECT p.id\_pelanggan

FROM Pesanan p

);

Soal nomor 4

SELECT pl.nama\_pelanggan, COUNT(p.id\_pesanan) AS total\_pesanan

FROM Pelanggan pl

LEFT JOIN Pesanan p ON pl.id\_pelanggan = p.id\_pelanggan

GROUP BY pl.nama\_pelanggan;

Soal nomor 5

SELECT m.nama\_menu

FROM Menu m

WHERE m.id\_menu NOT IN (

SELECT dp.id\_menu

FROM Detail\_Pesanan dp

);

Soal nomor 6

SELECT m.nama\_menu, m.harga

FROM Menu m

WHERE m.harga > (

SELECT AVG(harga)

FROM Menu

);

Soal nomor 7

SELECT pl.nama\_pelanggan, COUNT(p.id\_pesanan) AS total\_pesanan

FROM Pelanggan pl

LEFT JOIN Pesanan p ON pl.id\_pelanggan = p.id\_pelanggan

GROUP BY pl.nama\_pelanggan;

Soal nomor 8

SELECT DISTINCT pl.nama\_pelanggan

FROM Pelanggan pl

JOIN Pesanan p ON pl.id\_pelanggan = p.id\_pelanggan

JOIN Detail\_Pesanan dp ON p.id\_pesanan = dp.id\_pesanan

JOIN Menu m ON dp.id\_menu = m.id\_menu

WHERE m.nama\_menu = 'Nasi Goreng';

Soal nomor 9

SELECT k.nama\_karyawan, COUNT(p.id\_pesanan) AS total\_transaksi

FROM Karyawan k

JOIN Pesanan p ON k.id\_karyawan = p.id\_karyawan

GROUP BY k.nama\_karyawan

ORDER BY total\_transaksi DESC

LIMIT 1;

Soal nomor 10

SELECT pl.nama\_pelanggan, SUM(dp.jumlah \* m.harga) AS total\_pembelian

FROM Pelanggan pl

JOIN Pesanan p ON pl.id\_pelanggan = p.id\_pelanggan

JOIN Detail\_Pesanan dp ON p.id\_pesanan = dp.id\_pesanan

JOIN Menu m ON dp.id\_menu = m.id\_menu

GROUP BY pl.nama\_pelanggan

ORDER BY total\_pembelian DESC

LIMIT 1;