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# BASIS DATA

## PERTEMUAN IX

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KELAS: TI – 23 – PA (LAB 2)

Tugas Pertemuan Ke-9  
SUB QUERY

Github: [https://github.com/Rifandy232310001TeknologiInformasi/Basis\\_Data-Lab](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;
```