LATIHAN PENGGUNAAN CLAUSA GROUP BY

|  |
| --- |
| **Product** |
| **Id\_Product** |
| Nm\_product |
| Harga |

|  |
| --- |
| **Pesan** |
| **Id\_Pesan** |
| **Id\_Pelanggan** |
| Tgl\_pesan |

|  |
| --- |
| **Pelanggan** |
| **Id\_pelanggan** |
| nama |

|  |
| --- |
| **Detail\_pesan** |
| **Id\_pesan** |
| **Id\_product** |
| Jml |
| Harga\_jual |

**Product**

|  |  |  |
| --- | --- | --- |
| **Id\_product** | **Nama\_product** | **Harga** |
| A01 | Buku Tulis |  |
| A02 | Penggaris |  |
| A03 | Pensil |  |

**Pesan**

|  |  |  |
| --- | --- | --- |
| **Id\_pesan** | **Id\_pelanggan** | **Tgl\_pesan** |
| 1 | P01 | 20-01-2014 |
| 2 | P02 | 21-01-2014 |
| 3 | P03 | 21-01-2014 |
| 4 | P04 | 22-01-2014 |

**Detail\_pesan**

|  |  |  |  |
| --- | --- | --- | --- |
| **Id\_pesan** | **Id\_product** | **Jml** | **Harga\_jual** |
| **1** | A01 | 3 | 1000 |
| **1** | A02 | 5 | 2000 |
| **2** | A03 | 1 | 3000 |
| **2** | A01 | 2 | 1000 |
| **3** | A02 | 5 | 2000 |
| **4** | A02 | 3 | 2000 |
| **4** | A01 | 7 | 1000 |

**Pelanggan**

|  |  |
| --- | --- |
| **Id\_pelanggan** | **Nama** |
| P01 | Eko |
| P02 | Lia |
| P03 | Dedi |
| P04 | Joko |
| P05 | Reza |

1. **INER JOIN**

Select PS.Id\_pesan, PS.id\_pelanggan, PG.nama, PS.tgl\_pesan

From Pesan PS **INNER JOIN** pelanggan PG

**ON** PS.Id\_pelanggan=PG.Id\_pelanggan

1. **LEFT JOIN**

Select PG.Id\_pelanggan, PG.nama,PS.Id\_pesan,PS.Tgl\_pesan

From pelanggan PG **LEFT JOIN** pesan PS

**ON** PG.Id\_Pelanggan = PS.Id\_Pelanggan

1. **RIGHT JOIN**

Select PG.Id\_pelanggan, PG.nama,PS.Id\_pesan,PS.Tgl\_pesan

From pelanggan PG **RIGHT JOIN** pesan PS

**ON** PG.Id\_Pelanggan = PS.Id\_Pelanggan

**GROUP BY**

Select agama from MHS GROUP BY agama

MHS

|  |  |  |
| --- | --- | --- |
| NIM | NAMA | AGAMA |
| 001 | REZA | ISLAM |
| 002 | MING-MING | BUDHA |
| 003 | SANGKUT | KRISTEN |
| 004 | IMRON | ISLAM |
| 005 | TING-TING | BUDHA |

SELECT AGAMA FROM MHS;

|  |
| --- |
| AGAMA |
| ISLAM |
| BUDHA |
| KRISTEN |
| ISLAM |
| BUDHA |

SELECT AGAMA FROM MHS GROUP BY AGAMA;

|  |
| --- |
| AGAMA |
| ISLAM |
| BUDHA |
| KRISTEN |

SELECT AGAMA, COUNT(\*) AS JUMLAH

FROM MHS GROUP BY AGAMA

|  |  |
| --- | --- |
| AGAMA | JUMLAH |
| ISLAM | 2 |
| BUDHA | 2 |
| KRISTEN | 1 |

Select agama, count(\*) as jumlah

From MHS GROUP BY agama

Having agama = ”islam”

|  |  |
| --- | --- |
| **Agama** | **Jumlah** |
| Islam | 2 |

**Note :**

4 rumus dibawah ini menggunakan tabel yang pertama diatas tadi

Select Id\_Product,

Sum (jml) as jumlah

From Detail\_pesan

GROUP BY id\_product

|  |  |
| --- | --- |
| ID\_PRODUCT | JUMLAH |
| A01 | 12 |
| A02 | 13 |
| A03 | 1 |

Select Id.Product,

Sum (jml) as jumlah

From Detail\_pesan

GROUP BY id\_product

Having id\_product = “A02”

|  |  |
| --- | --- |
| ID\_PRODUCT | JUMLAH |
| A01 | 12 |

Select Id\_pesan,

Sum (jml) as jumlah

From Detail\_pesan

GROUP BY Id\_pesan

|  |  |
| --- | --- |
| ID\_PESAN | JUMLAH |
| 1 | 8 |
| 2 | 3 |
| 3 | 5 |
| 4 | 10 |

Select detail pesan.Id\_pesan, Pesan.Tgl\_pesan, Detail\_pesan

Jumlah From Pesan.Detail\_pesan

Where pesan.Id\_pesan = Detail\_pesan.Id\_pesan

|  |  |  |
| --- | --- | --- |
| **Id\_pesan** | **Tgl\_pesan** | **jml** |
| 1 | 20-01-2014 | 3 |
| 1 | 21-01-2014 | 5 |
| 2 |  |  |
| 2 |  |  |
| 3 |  |  |
| 4 |  |  |
| 4 |  |  |

Dst. Data dapat dilihat pada catatan masing2

TAMPILKAN BERAPA TOTAL HARGA UNTUK MASING-MASING PESANAN

|  |  |
| --- | --- |
| **Id\_pesan** | **Harga\_jual** |
| **1** | 13000 |
| **2** | 5000 |
| **3** | 2000 |
| **4** | 13000 |

Silahkan anda Lakukan Praktikum menggunakan MYSQL untuk perintah-perintah diatas, bisa anda tambahkan beberapa contoh lainnya. Hasilnya kirim melalui elearning.

Selamat Bekerja.