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Kelas : B1

1.

Inner join : Digunakan untuk menghasilkan data dengan cara menghubungkan 2 tabel atau lebih

Left Join: Digunakan untuk menampilkan tabel sebelah kiri yang tidak ada pasangannya di tabel kanan

Right join: Digunakan untuk menampilkan tabel sebelah kanan yang tidak ada pasangannya di tabel kiri

Full join: untuk menghasilkan data jika ada data yang sama pada salah satu tabel

2.

join

```

Select C:\WINDOWS\system32\cmd.exe - mysql -u root -p

variable [warningopt]> desc pelanggan;

+----+-----+
| Field | Type          | Null | Key | Default | Extra |
+----+-----+
| iduser | int(11)       | NO   |     | NULL    |       |
| namauser | varchar(20)   | NO   |     | NULL    |       |
| alamatuser | varchar(25)   | NO   |     | NULL    |       |
+----+-----+
3 rows in set (0.36 sec)

variable [warningopt]> select pelanggan.iduser, melayani.idpegawai, pelanggan.namauser from pelanggan, melayani where pelanggan.iduser=melayani.iduser;

+----+-----+-----+
| iduser | idpegawai | namauser |
+----+-----+-----+
| 201    | 000       | yadha    |
| 202    | 001       | weni     |
| 203    | 003       | sultan   |
| 201    | 001       | yadha    |
| 205    | 005       | tauku    |
| 204    | 004       | anggoro  |
| 204    | 005       | anggoro  |
| 206    | 006       | dede     |
| 207    | 006       | ifal     |
| 208    | 007       | rahan    |
| 206    | 007       | dudu     |
| 208    | 008       | rahan    |
| 208    | 009       | rahan    |
| 200    | 010       | sia      |
| 210    | 011       | hendi    |
| 211    | 012       | tiul     |
| 212    | 013       | alifan   |
| 213    | 014       | rama     |
| 214    | 014       | samid    |
| 212    | 013       | alifan   |
| 214    | 014       | samid    |
| 211    | 012       | tiul     |
| 210    | 012       | hendi    |
| 212    | 013       | alifan   |
| 212    | 013       | alifan   |
+----+-----+-----+
25 rows in set (0.82 sec)

variable [warningopt]>

```

Innerjoin

```

C:\WINDOWS\system32\cmd.exe - mysql -u root -p

+----+-----+
| 214    | 014       | samid    |
| 211    | 010       | tiul     |
| 210    | 012       | hendi    |
| 212    | 010       | alifan   |
| 212    | 013       | alifan   |
+----+-----+
5 rows in set (0.82 sec)

variable [warningopt]> select pelanggan.iduser, melayani.idpegawai, pelanggan.namauser from pelanggan inner join melayani on pelanggan.iduser=melayani.iduser;

+----+-----+-----+
| iduser | idpegawai | namauser |
+----+-----+-----+
| 201    | 000       | yadha    |
| 202    | 001       | weni     |
| 203    | 003       | sultan   |
| 201    | 001       | yadha    |
| 205    | 005       | tauku    |
| 204    | 004       | anggoro  |
| 204    | 005       | anggoro  |
| 206    | 006       | dede     |
| 207    | 006       | ifal     |
| 208    | 007       | rahan    |
| 206    | 007       | dudu     |
| 208    | 008       | rahan    |
| 208    | 009       | rahan    |
| 200    | 010       | sia      |
| 210    | 011       | hendi    |
| 211    | 012       | tiul     |
| 212    | 013       | alifan   |
| 213    | 014       | rama     |
| 214    | 014       | samid    |
| 212    | 013       | alifan   |
| 214    | 014       | samid    |
| 211    | 012       | tiul     |
| 210    | 012       | hendi    |
| 212    | 013       | alifan   |
| 212    | 013       | alifan   |
+----+-----+-----+
25 rows in set (0.88 sec)

variable [warningopt]>

```

## Left join

```

C:\WINDOWS\system32\cmd.exe - mysql -u root -p

+----+-----+-----+
| 213 | 814 | rama |
| 214 | 814 | samsd |
| 212 | 812 | alifan |
| 214 | 814 | samsd |
| 211 | 810 | tiak |
| 210 | 812 | hendi |
| 212 | 810 | alifan |
| 212 | 812 | alifan |
+----+-----+-----+
25 rows in set (0.00 sec)

mysql> select pelanggan.iduser, melayani.idpegawai, pelanggan.namauser from melayani left join pelanggan on pelanggan.iduser=melayani.iduser;
+----+-----+-----+
| iduser | idpegawai | namauser |
+----+-----+-----+
| 201 | 800 | yudha |
| 202 | 801 | weni |
| 203 | 803 | satrio |
| 201 | 801 | yudha |
| 205 | 805 | timo |
| 204 | 804 | anggoro |
| 206 | 806 | dede |
| 207 | 806 | ifal |
| 208 | 807 | rahan |
| 206 | 807 | dede |
| 208 | 808 | rahan |
| 208 | 809 | rahan |
| 209 | 810 | mia |
| 210 | 811 | hendi |
| 211 | 812 | tiak |
| 212 | 812 | alifan |
| 213 | 814 | rama |
| 214 | 814 | samsd |
| 212 | 812 | alifan |
| 214 | 814 | samsd |
| 211 | 810 | tiak |
| 210 | 812 | hendi |
| 212 | 810 | alifan |
| 212 | 812 | alifan |
+----+-----+-----+
25 rows in set (0.00 sec)

mysql>

```

## Right join

```

C:\WINDOWS\system32\cmd.exe - mysql -u root -p

+----+-----+-----+
| 214 | 814 | samsd |
| 211 | 810 | tiak |
| 210 | 812 | hendi |
| 212 | 810 | alifan |
| 212 | 812 | alifan |
+----+-----+-----+
25 rows in set (0.00 sec)

mysql> select pelanggan.iduser, melayani.idpegawai, pelanggan.namauser from melayani right join pelanggan on pelanggan.iduser=melayani.iduser;
+----+-----+-----+
| iduser | idpegawai | namauser |
+----+-----+-----+
| 200 | NULL | irfan |
| 201 | 800 | yudha |
| 201 | 801 | yudha |
| 202 | 801 | weni |
| 203 | 803 | satrio |
| 204 | 804 | anggoro |
| 205 | 805 | timo |
| 206 | 806 | dede |
| 206 | 807 | dede |
| 207 | 806 | ifal |
| 208 | 807 | rahan |
| 208 | 808 | rahan |
| 208 | 809 | rahan |
| 209 | 810 | mia |
| 210 | 811 | hendi |
| 210 | 812 | hendi |
| 211 | 812 | tiak |
| 211 | 810 | tiak |
| 212 | 812 | alifan |
| 212 | 812 | alifan |
| 212 | 810 | alifan |
| 212 | 812 | alifan |
| 213 | 814 | rama |
| 214 | 814 | samsd |
| 214 | 814 | samsd |
| 215 | NULL | varian |
+----+-----+-----+
27 rows in set (0.01 sec)

mysql>

```