

---

### LAPORAN KELOMPOK 3

- Idris Syahrudin
- Muhamad Jati Wasesa
- Hardi wirkan
- Dimas Aditya Putranto
- Dzaky Awaludin Malik

### PENJUALAN KENDARAAN

Langkah-Langkah Praktikum Beserta Outputnya

- Membuat database

```
create database Kelompok3;
```

- Masuk ke database

```
use Kelompok3;
```

- Buat table kendaraan

```
CREATE TABLE `kelompok3`.`kendaraan` (  
  `id_kendaraan` INT NOT NULL,  
  `jenis_kendaraan` VARCHAR(45) NULL,  
  `merk` VARCHAR(45) NULL,  
  `model` VARCHAR(45) NULL,  
  `tahun_produksi` VARCHAR(45) NULL,  
  `warna` VARCHAR(45) NULL,  
  `harga` VARCHAR(45) NULL  
);
```

- Mengisi table

```
INSERT INTO `kendaraan`  
(`id_kendaraan`,`jenis_kendaraan`,`merk`,`model`,`tahun_produksi`,`warna`,`harga`) VALUES  
('22001','mobil','toyota','coroa cros',2015,'hitam',200000000),  
('22002','mobil','honda','VR-V',2018,'hitam',190000000),  
('22003','mobil','nissan','X-Trail',2020,'puth',180000000),  
('22004','motor','suzuki','Gixxer SF 250',2021,'biru',30000000);
```

## Output

	id_kendaraan	jenis_kendaraan	merk	model	tahun_produksi	warna	harga
▶	22001	mobil	toyota	coroa cros	2015	hitam	200000000
	22002	mobil	honda	VR-V	2018	hitam	190000000
	22003	mobil	nissan	X-Trail	2020	puth	180000000
	22004	motor	suzuki	Gixxer SF 250	2021	biru	30000000

- Buat tabel costumer

```
CREATE TABLE `kelompok3`.`costumer` (
  `id_costumer` INT NOT NULL,
  `nama` VARCHAR(45) NULL,
  `alamat` VARCHAR(45) NULL,
  `no_hp` VARCHAR(45) NULL,
  PRIMARY KEY (`id_costumer`)
);
```

```
INSERT INTO `costumer` (`id_sales`,`nama`,`alamat`,`no_hp`) VALUES
('SL001','Ahmad','Cikarang','0812345678'),
('SL002','Salahuddin','Bekasi','0813456789'),
('SL003','Sulaiman','Cibitung','0811345678'),
('SL004','Farizi','Karawang','0814567890');
```

## Output

	id_customer	nama	alamat	no_hp
	CS001	Ahmad	Cikarang	0812345678
	CS002	Salahuddin	Bekasi	0813456789
	CS003	Sulaiman	Cibitung	0811345678
	CS004	Farizi	Karawang	0814567890
▶*	NULL	NULL	NULL	NULL

- Buat table sales

```
CREATE TABLE `kelompok3`.`sales` (
  `id_sales` INT NOT NULL,
  `nama` VARCHAR(45) NULL,
  `alamat` VARCHAR(45) NULL,
  `no_hp` VARCHAR(45) NULL,
  PRIMARY KEY (`id_sales`)
);
```

```
INSERT INTO `sales` (`id_sales`,`nama`,`alamat`,`no_hp`) VALUES
('SL001','Ahmad','Cikarang','0812345678'),
('SL002','Salahuddin','Bekasi','0813456789'),
('SL003','Sulaiman','Cibitung','0811345678'),
('SL004','Farizi','Karawang','0814567890');
```

## Output

	id_sales	nama	alamat	no_hp
	SL001	Ahmad	Cikarang	0812345678
	SL002	Salahuddin	Bekasi	0813456789
	SL003	Sulaiman	Cibitung	0811345678
	SL004	Farizi	Karawang	0814567890
▶*	NULL	NULL	NULL	NULL

- Buat table transaksi

```
CREATE TABLE `kelompok3`.`transaksi` (
  `id_transaksi` INT NOT NULL,
  `id_kendaraan` VARCHAR(45) NULL,
  `id_customer` VARCHAR(45) NULL,
  `id_sales` VARCHAR(45) NULL,
  `tgl_transaksi` VARCHAR(45) NULL,
  `harga_penjualan` VARCHAR(45) NULL,
  PRIMARY KEY (`id_transaksi`)
);
```

```
INSERT INTO `transaksi` (`id_transaksi`, `id_kendaraan`, `id_customer`, `id_sales`,
`tgl_transaksi`, `harga_penjualan`) VALUES ('331', '22001', '11001', '111', '01-05-2023',
'200000000'),
('332', '22003', '11003', '112', '02-08-2023', '180000000'),
('333', '22004', '11003', '113', '02-09-2023', '180000000'),
```

## Output

	id_transaksi	id_kendaraan	id_customer	id_sales	tgl_transaksi	harga_penjualan
▶	331	22001	11001	111	01-05-2023	200000000
	332	22003	11003	112	02-08-2023	180000000
	333	22004	11003	113	02-09-2023	180000000
	334	22005	11004	114	09-09-2023	300000000
*	NULL	NULL	NULL	NULL	NULL	NULL

- Buat tabel laporan\_transaksi

```
CREATE TABLE `kelompok3`.`lapoaran_transaksi` (
  `id_laporan` INT NOT NULL,
  `id_transaksi` INT NOT NULL,
  `nama_pelapor` VARCHAR(45) NULL,
  `tgl_laporan` VARCHAR(45) NULL,
  `keterangan` TEXT NULL,
  PRIMARY KEY (`id_laporan`, `id_transaksi`)
);
```

```
INSERT INTO `lapoaran_transaksi` (`id_laporan`, `id_transaksi`, `nama_pelapor`,
`tgl_laporan`, `keterangan`) VALUES ('1231', '331', 'Rasyid', '02-05-2023', 'dalam keadaan
baik'),
('1233', '332', 'Michele', '03-08-2023', 'perlu melakukan service'),
('1232', '334', 'Jordan', '10-19-2023', 'kendaraan dengan kilometer rendah'),
```

## Output

	id_laporan	id_transaksi	nama_pelapor	tgl_laporan	keterangan
	1231	331	Rasyid	02-05-2023	dalam keadaan baik
	1232	334	Jordan	10-19-2023	kendaraan dengan kilometer rendah
	1233	332	Michele	03-08-2023	perlu melakukan service
	1234	333	Adam	03-09-2023	kendaraa memiliki cat baru
▶*	NULL	NULL	NULL	NULL	NULL

## Praktikum

- Mengganti harga awal kendaraan

```
update kendaraan set harga=198000000 where id_kendaraan=22001;
```

## Output

```
mysql> select *from kendaraan;
+-----+-----+-----+-----+-----+-----+-----+
| id_kendaraan | jenis_kendaraan | merk   | model      | tahun_produksi | warna | harga      |
+-----+-----+-----+-----+-----+-----+-----+
| 22001 | mobil           | toyota | coroa cros | 2015            | hitam | 198000000 |
| 22002 | mobil           | honda  | VR-V       | 2018            | hitam | 190000000 |
| 22003 | mobil           | nissan  | X-Trail    | 2020            | puth  | 180000000 |
| 22004 | motor           | suzuki | Gixxer SF 250 | 2021          | biru  | 30000000  |
+-----+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

- Delete 1 data kendaraan

```
delete from kendaraan where id_kendaraan=22005;
```

- Join tabel

```
select transaksi.id_transaksi, kendaraan.id_kendaraan, tgl_transaksi, kendaraan.harga,
jenis_kendaraan, keterangan from transaksi
join kendaraan on transaksi.id_kendaraan=kendaraan.id_kendaraan
join costumer on transaksi.id_costumer=costumer.id_costumer
join sales on transaksi.id_sales=sales.id_sales
right JOIN laporan_transaksi on transaksi.id_transaksi=laporan_transaksi.id_transaksi;
```

## Output

	id_transaksi	id_kendaraan	id_customer	id_sales	tgl_transaksi	harga_penjualan
▶	331	22001	11001	111	01-05-2023	200000000
	332	22003	11003	112	02-08-2023	180000000
	333	22004	11003	113	02-09-2023	180000000
	334	22005	11004	114	09-09-2023	30000000
*	NULL	NULL	NULL	NULL	NULL	NULL

## ERD

### PENJUALAN KENDARAAN

