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## LAPORAN KELOMPOK 8

- FAISAL ARYA YUDANTO
- NADIATUL UMMAH
- SILVI FARA DITA
- FEZRIA MAHARDIKA
- TATIA DESWITA ANGGRAENI

## PENGELOLAAN KAS RT

Langkah-Langkah Praktikum Beserta Outputnya

- Membuat database

```
create database Kelompok RT;
```

- Masuk ke database

```
use Kelompok RT;
```

- Buat table warga

```
CREATE TABLE `kas_rt`.`warga` (  
  `idWarga` INT NOT NULL,  
  `nama` VARCHAR(45) NULL,  
  `alamat` VARCHAR(45) NULL,  
  `noKTP` VARCHAR(45) NULL,  
  PRIMARY KEY (`idWarga`)  
);
```

- Mengisi table

```
INSERT INTO `` (`idJenis`,`Nama`,`Keterangan`,`Nominal`) VALUES  
('id0654','IuranKebersihan','SudahBayar','50.000'),  
('id0760','IuranKasMinggu1','SudayBayar','100.000'),  
('id0765','DanaLombaAgusus','SudayBayar','30.000'),  
('id0876','DanaPeralatanKebersihan','SudayBayar','50.000')  
('id0987','IuranSampah','SudahBayar','20.000');
```

Output

	idWarga	nama	alamat	noKTP
▶	w0098	SilviFaradita	GangGurame	321612105454
	w1892	FaisalArya	GangHlu	321612101233
	w3232	TatiaDeswita	GangKoi	321612102985
	w6280	NadiatulUmah	GangPari	321612100908
	w8788	FezriaMahardika	GangHila	321612108877
•	NULL	NULL	NULL	NULL

- Buat tabel pembayaraniuran

```
CREATE TABLE `kas_rt`.`pembayaraniuran` (
  `idPembayaran` VARCHAR(45) NOT NULL,
  `idWarga` VARCHAR(45) NULL,
  `idJenis` VARCHAR(45) NULL,
  `tanggal` VARCHAR(45) NULL,
  `jumlah` VARCHAR(45) NULL,
  PRIMARY KEY (`idPembayaran`)
);
```

```
INSERT INTO `kas_rt`.`pembayaraniuran` (`idPembayaran`, `idWarga`, `idJenis`, `tanggal`) VALUES
('p11223344', 'ww0098', 'id0654', '12-01-2023', '50.000'),
('p22334455', 'w1892', 'id0760', '15-01-2023', '100.000'),
('p33445566', 'w3232', 'id0765', '15-01-2023', '30.000'),
('p44556677', 'w6280', 'id0876', '19-01-2023', '50.000'),
('p55667788', 'w8788', 'id0987', '20-01-2023', '20.000');
```

Output

	idPembayaran	idWarga	idJenis	tanggal	jumlah
▶	p11223344	ww0098	id0654	12-01-2023	50.000
	p22334455	w1892	id0760	15-01-2023	100.000
	p33445566	w3232	id0765	15-01-2023	30.000
	p44556677	w6280	id0876	19-01-2023	50.000
	p55667788	w8788	id0987	20-01-2023	20.000
★	NULL	NULL	NULL	NULL	NULL

- Buat table jenisian

```
CREATE TABLE `kas_rt`.`jenisian` (
  `idJenis` VARCHAR(45) NOT NULL,
  `nama` VARCHAR(45) NULL,
  `keterangan` VARCHAR(45) NULL,
  `nominal` VARCHAR(45) NULL,
  PRIMARY KEY (`idJenis`)
);
```

```
INSERT INTO `kas_rt`.`jenisian` (`idJenis`, `Nama`, `Keterangan`, `Nominal`) VALUES ('id0654',
'FezriaMahardika', 'SudahBayar', '100.000'),
('w1892', 'FaisalArya', 'GangHiu', '321612101233'),
('w6280', 'NadiatulUmah', 'GangPari', '321612100908'),
('w0098', 'SilviFaradita', 'GangGurame', '321612105454'),
('w3232', 'TatiaDeswita', 'GangKoi', '321612102985'),
('w8788', 'FezriaMahardika', 'GangNila', '321612108877');
```

## Output

	idJenis	Nama	Keterangan	Nominal
▶	id0654	IuranKebersihan	SudahBayar	50.000
	id0760	IuranKasMinggu1	SudahBayar	100.000
	id0765	DanaLombaAgustus	SudahBayar	30.000
	id0876	DanaPeralatanK...	SudahBayar	50.000
	id0987	IuranSampah	SudahBayar	20.000
*	NULL	NULL	NULL	NULL

- Buat table transaksi laporan

```
CREATE TABLE `kas_rt`.`transaksilaporan` (
  `idLaporan` VARCHAR(45) NOT NULL,
  `idTransaksi` VARCHAR(45) NULL,
  `Tanggal` VARCHAR(45) NULL,
  `Jumlah` VARCHAR(45) NULL,
  `Keterangan` VARCHAR(45) NULL,
  PRIMARY KEY (`idLaporan`)
);
```

```
INSERT INTO `kas_rt`.`transaksilaporan` (`idLaporan`, `idTransaksi`, `Tanggal`, `Jumlah`,
`Keterangan`) VALUES ('t17777', 'x00000', '12-01-2023', '50.000', 'Lunas'),
('t00999', 'x11111', '15-01-2023', '100.000', 'Lunas'),
('t78888', 'x22222', '15-01-2923', '30.000', 'Lunas'),
('t65555', 'x44444', '19-01-2023', '50.000', 'Lunas'),
('t43333', 'x66666', '20-01-2023', '20.000', 'Lunas');
```

## Output

	idLaporan	idTransaksi	Tanggal	Jumlah	Keterangan
▶	t00999	x11111	15-01-2023	100	Lunas
	t17777	x00000	12-01-2023	50	Lunas
	t43333	x66666	20-01-2023	20	Lunas
	t65555	x44444	19-01-2023	50	Lunas
	t78888	x22222	15-01-2923	30	Lunas
*	NULL	NULL	NULL	NULL	NULL

## Praktikum

- Menambahkan nominal jenis iuran

```
UPDATE `kas_rt`.`jenis iuran` SET `Nominal` = '100.00' WHERE (`idJenis` = 'id0760');
```

- Delete 1 data warga

```
DELETE FROM `kas_rt`.`jenis iuran` WHERE (`idJenis` = 'id0987');
```

- Join tabel

```
SELECT pembayaraniuran.idWarga, pembayaraniuran.idJenis, pembayaraniuran.tanggal,
warga.nama FROM pembayaraniuran left join warga on warga.idWarga=pembayaraniuran.idWarga
join jenis iuran on pembayaraniuran.idjenis=jenis iuran.idjenis join transaksilaporan on
transaksilaporan.Tanggal=pembayaraniuran.tanggal;
```

## Output

	idWarga	idJenis	tanggal	nama
▶	w1892	id0760	15-01-2023	FaisalArya
	w3232	id0765	15-01-2023	TatiaDeswita
	ww0098	id0654	12-01-2023	NULL
	w6280	id0876	19-01-2023	NadiatulUmah

## ERD

### PENGELOLAAN KAS RT

