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	GangHiu	321612101233
w3232	TatiaDeswita	GangKoi	321612102985
w6280	NadiatulUmah	GangPari	321612100908
w8788	FezriaMahardika	GangNila	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 jenisiuran

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

```
INSERT INTO `kas_rt`.`jenisiuran` (`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	SudayBayar	100.000
id0765	DanaLombaAgusus	SudayBayar	30.000
id0876	DanaPeralatanK...	SudayBayar	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 jenisiuran

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

- Delete 1 data warga

```
DELETE FROM `kas_rt`.`jenisiuran` 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 jenisiuran on pembayaraniuran.idjenis=jenisiuran.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