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//pembuatan database

```
CREATE DATABASE `kendaraan`;
```

//pembuatan table jenis

```
CREATE TABLE `jenis` (
```

```
  `id_jenis` int NOT NULL AUTO_INCREMENT,
```

```
  `nama_jenis` varchar(255) DEFAULT NULL,
```

```
  `status` varchar(255) DEFAULT NULL,
```

```
  PRIMARY KEY (`id_jenis`)
```

```
) ENGINE=InnoDB AUTO_INCREMENT=3 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
```

//memasukan data jenis

```
INSERT INTO `jenis` VALUES (1,'Bebek','Aktif'),(2,'Matik','Aktif');
```

//pembuatan table kendaraan

```
CREATE TABLE `kendaraan` (
```

```
  `id_kendaraan` int NOT NULL AUTO_INCREMENT,
```

```
  `nama_kendaraan` varchar(255) NOT NULL,
```

```
  `aktif` int NOT NULL,
```

```
  PRIMARY KEY (`id_kendaraan`)
```

```
) ENGINE=InnoDB AUTO_INCREMENT=4 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
```

//memasukan data kendaraan

```
INSERT INTO `kendaraan` VALUES (1,'Motor',1),(2,'Mobil',2);
```

//pembuatan table mesin

```
CREATE TABLE `mesin` (
```

```
  `id_mesin` int NOT NULL AUTO_INCREMENT,
```

```
  `nama_mesin` varchar(255) NOT NULL,
```

```

`kendaraan_id` int NOT NULL,

PRIMARY KEY (`id_mesin`),

KEY `fk_kendaraan_id` (`kendaraan_id`),

CONSTRAINT `fk_kendaraan_id` FOREIGN KEY (`kendaraan_id`) REFERENCES `kendaraan`
(`id_kendaraan`) ON DELETE CASCADE ON UPDATE CASCADE

) ENGINE=InnoDB AUTO_INCREMENT=3 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;

//memasukan data pada table mesin

INSERT INTO `mesin` VALUES (1,'jepang',1),(2,'China',1);


//pemuatan table type

CREATE TABLE `type` (

`id_type` int NOT NULL AUTO_INCREMENT,

`nama_type` varchar(255) NOT NULL,

`mesin_id` int NOT NULL,

`jenis_id` int NOT NULL,

`kendaraan_id` int NOT NULL,

PRIMARY KEY (`id_type`),

KEY `fk_mesin_id` (`mesin_id`),

KEY `fk_jenis_id` (`jenis_id`),

KEY `fk_kendaraan_id_2` (`kendaraan_id`),

CONSTRAINT `fk_jenis_id` FOREIGN KEY (`jenis_id`) REFERENCES `jenis` (`id_jenis`) ON DELETE CASCADE
ON UPDATE CASCADE,

CONSTRAINT `fk_kendaraan_id_2` FOREIGN KEY (`kendaraan_id`) REFERENCES `kendaraan`
(`id_kendaraan`) ON DELETE CASCADE ON UPDATE CASCADE,

CONSTRAINT `fk_mesin_id` FOREIGN KEY (`mesin_id`) REFERENCES `mesin` (`id_mesin`) ON DELETE
CASCADE ON UPDATE CASCADE

) ENGINE=InnoDB AUTO_INCREMENT=16 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;

//memasukan data pada type

```

```
INSERT INTO `type` VALUES
```

```
(1,'123s',1,1,2),(2,'321h',1,1,2),(3,'232i',2,2,2),(4,'uer2',2,2,1),(5,'231h',2,1,1);
```

//query untuk melakukan join pada seluruh table

```
SELECT nama_kendaraan, nama_type, nama_jenis, nama_mesin FROM type JOIN jenis ON  
type.jenis_id=jenis.id_jenis JOIN kendaraan ON type.kendaraan_id = kendaraan.id_kendaraan JOIN  
mesin ON type.mesin_id=mesin.id_mesin;
```

// screen shoot hasil

