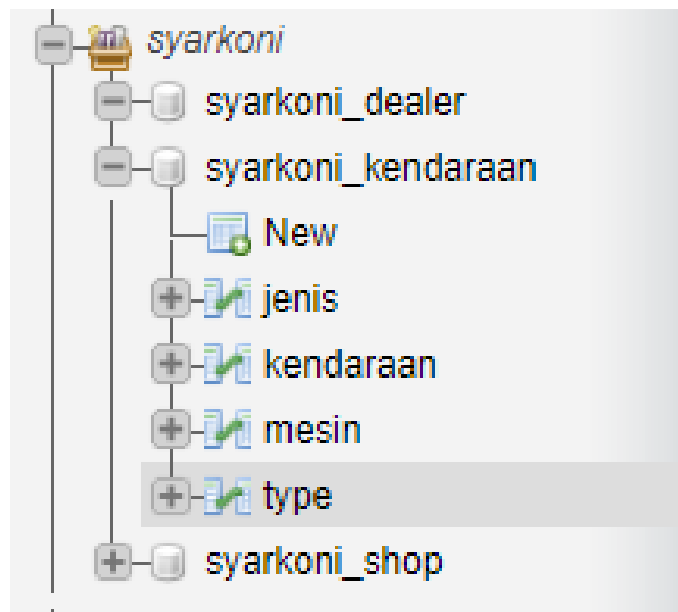


NIM : 19020001
NAMA : ACHMAD SYARKONI
KELAS : SHIFT

1. Database syarkoni_kendaraan dan struktur tabelnya.



2. Query Tabel Jenis

```
21 DROP TABLE IF EXISTS `jenis`;
22
23 CREATE TABLE `jenis` (
24   `id_jenis` int(11) NOT NULL AUTO_INCREMENT,
25   `nama_jenis` varchar(64) DEFAULT NULL,
26   `status` varchar(64) DEFAULT NULL,
27   PRIMARY KEY (`id_jenis`)
28 ) ENGINE=InnoDB AUTO_INCREMENT=3 DEFAULT CHARSET=utf8mb4;
29
30 /*Data for the table `jenis` */
31
32 insert into `jenis`(`id_jenis`,`nama_jenis`,`status`) values
33 (1,'Bebek','aktif'),
34 (2,'Matik','aktif');
```

3. Query Tabel Kendaraan

```

36  /*Table structure for table `kendaraan` */
37
38  DROP TABLE IF EXISTS `kendaraan`;
39
40  CREATE TABLE `kendaraan` (
41    `id_kendaraan` int(11) NOT NULL AUTO_INCREMENT,
42    `nama_kendaraan` varchar(64) DEFAULT NULL,
43    `aktif` varchar(64) DEFAULT NULL,
44    PRIMARY KEY (`id_kendaraan`)
45  ) ENGINE=InnoDB AUTO_INCREMENT=3 DEFAULT CHARSET=utf8mb4;
46
47  /*Data for the table `kendaraan` */
48
49  insert into `kendaraan` (`id_kendaraan`,`nama_kendaraan`,`aktif`) values
50  (1,'Motor','1'),
51  (2,'Mobil','2');

```

4. Query Tabel Mesin

```

55  DROP TABLE IF EXISTS `mesin`;
56
57  CREATE TABLE `mesin` (
58    `id_mesin` int(11) NOT NULL AUTO_INCREMENT,
59    `nama_mesin` varchar(64) DEFAULT NULL,
60    `kendaraan_id` int(11) DEFAULT NULL,
61    PRIMARY KEY (`id_mesin`),
62    KEY `fk_kendaraan_id` (`kendaraan_id`),
63    CONSTRAINT `fk_kendaraan_id` FOREIGN KEY (`kendaraan_id`) REFERENCES `kendaraan` (`id_kendaraan`)
64  ) ENGINE=InnoDB AUTO_INCREMENT=3 DEFAULT CHARSET=utf8mb4;
65
66  /*Data for the table `mesin` */

```

5. Query Tabel Type

```

CREATE TABLE `type` (
  `id_type` int(11) NOT NULL AUTO_INCREMENT,
  `nama_type` varchar(64) DEFAULT NULL,
  `mesin_id` int(11) DEFAULT NULL,
  `jenis_id` int(11) DEFAULT NULL,
  `kendaraan_id` int(11) DEFAULT NULL,
  PRIMARY KEY (`id_type`),
  KEY `fk_id_mesin` (`mesin_id`),
  KEY `fk_id_jenis` (`jenis_id`),
  KEY `fk_id_kendaraan` (`kendaraan_id`),
  CONSTRAINT `fk_id_jenis` FOREIGN KEY (`jenis_id`) REFERENCES `jenis` (`id_jenis`),
  CONSTRAINT `fk_id_kendaraan` FOREIGN KEY (`kendaraan_id`) REFERENCES `kendaraan` (`id_kendaraan`),
  CONSTRAINT `fk_id_mesin` FOREIGN KEY (`mesin_id`) REFERENCES `mesin` (`id_mesin`)
) ENGINE=InnoDB AUTO_INCREMENT=9 DEFAULT CHARSET=utf8mb4;

/*Data for the table `type` */

insert into `type` (`id_type`,`nama_type`,`mesin_id`,`jenis_id`,`kendaraan_id`) 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);

```

6. Query Join Untuk Tampil Semua Tabel

SELECT

kendaraan.`nama_kendaraan`,type.`nama_type`,jenis.`nama_jenis`,mesin.`nama_mesin`


FROM TYPE

```

JOIN kendaraan
  ON type.`kendaraan_id`=kendaraan.`id_kendaraan`
JOIN jenis
  ON type.`jenis_id`=jenis.`id_jenis`
JOIN mesin
  ON type.`mesin_id`=mesin.`id_mesin`

```

Tampilan Query Join Tabel :

 Showing rows 0 - 4 (5 total, Query took 0.0050 seconds.)

```

SELECT kendaraan.`nama_kendaraan`,type.`nama_type`,jenis.`nama_jenis`,mesin.`
jenis` ON type.`jenis_id`=jenis.`id_jenis` JOIN mesin ON type.`mesin_id`=mesin

```

☐ Show all | Number of rows: 25 ▼ Filter rows:

+ Options

| nama_kendaraan | nama_type | nama_jenis | nama_mesin |
|----------------|-----------|------------|------------|
| Mobil | 123s | Bebek | Jepang |
| Mobil | 321h | Bebek | Jepang |
| Mobil | 232i | Matik | China |
| Motor | uer2 | Matik | China |
| Motor | 231h | Bebek | China |

☐ Show all | Number of rows: 25 ▼ Filter rows: