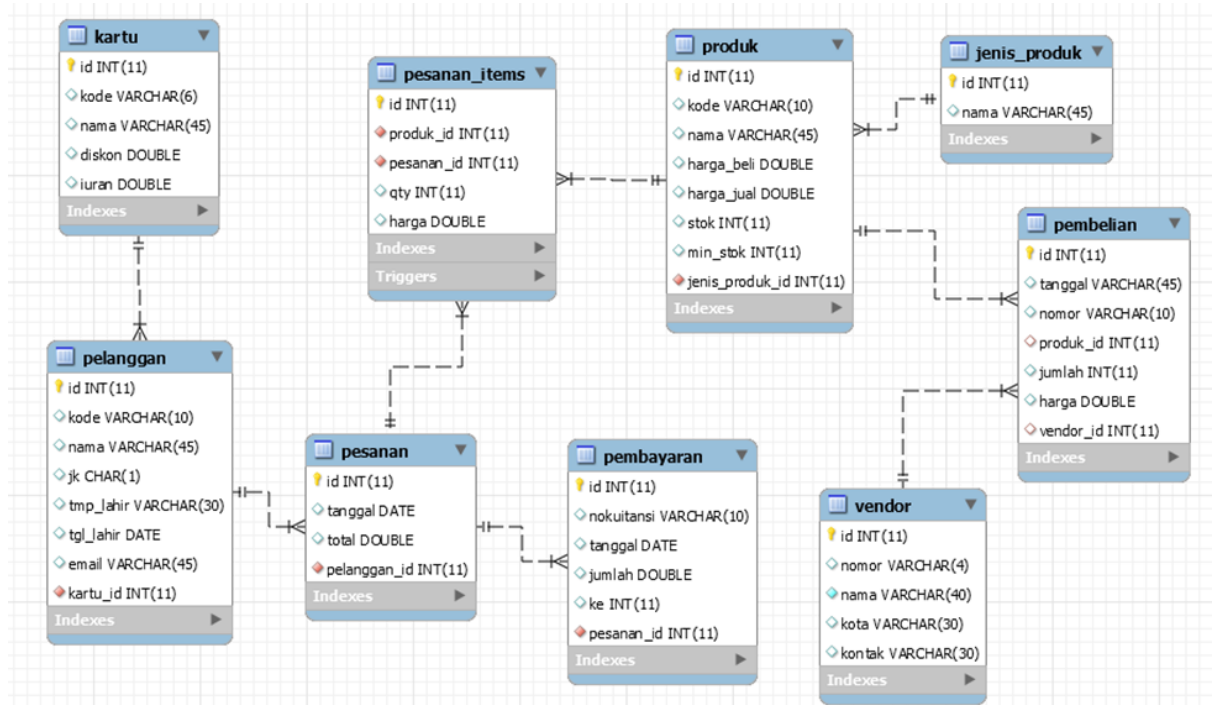


## TUGAS

### SOAL

1. Berdasarkan gambar di bawah, buatlah tabel-tabel pada ERD menggunakan perintah SQL DDL.
2. Jawaban perintahnya, masukan ke dalam kolom jawaban di bawah!
3. Disimpan dan disubmit ke kantong tugas dalam format **.docx** atau **.pdf**



### JAWABAN

```
CREATE DATABASE tugas_19;
```

```
CREATE TABLE kartu (  
    id INT auto_increment primary key,  
    kode VARCHAR(4) unique,  
    nama VARCHAR(30) NOT NULL,  
    diskon DOUBLE DEFAULT 0,  
    iuran DOUBLE DEFAULT 0  
);
```

```
CREATE TABLE pelanggan(  
    id INT auto_increment primary key,  
    kode VARCHAR(10) unique,  
    nama VARCHAR(45) NOT NULL,
```

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```
jk CHAR(1) NOT NULL,  
tmp_lahir VARCHAR(30),  
tgl_lahir DATE,  
email VARCHAR(45),  
kartu_id INT,  
FOREIGN KEY (kartu_id) REFERENCES kartu(id));
```

```
CREATE TABLE pesanan(  
id INT auto_increment primary key,  
tanggal DATE,  
total DOUBLE DEFAULT 0,  
pelanggan_id INT,  
FOREIGN KEY (pelanggan_id) REFERENCES pelanggan(id)  
);
```

```
CREATE TABLE pembayaran(  
id INT auto_increment primary key,  
nokuitansi VARCHAR(10),  
tanggal DATE,  
jumlah DOUBLE DEFAULT 0,  
ke INT,  
pesanan_id INT,  
FOREIGN KEY (pesanan_id) REFERENCES pesanan(id)  
);
```

```
CREATE TABLE jenis_produk(  
id INT auto_increment primary key,  
nama VARCHAR(45) NOT NULL  
);
```

```
CREATE TABLE produk(  
id INT auto_increment primary key,  
kode VARCHAR(10) unique,  
nama VARCHAR(45) NOT NULL,  
harga_beli DOUBLE DEFAULT 0,  
harga_jual DOUBLE DEFAULT 0,  
stok INT,  
min_stok INT,  
jenis_produk_id INT,  
FOREIGN KEY (jenis_produk_id) REFERENCES jenis_produk(id)  
);
```

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```
CREATE TABLE vendor(  
  id INT auto_increment primary key,  
  nomor VARCHAR(4) unique,  
  nama VARCHAR(40) NOT NULL,  
  kota VARCHAR(30),  
  kontak VARCHAR(30) NOT NULL  
);  
  
CREATE TABLE pembelian(  
  id INT auto_increment primary key,  
  tanggal VARCHAR(45) NOT NULL,  
  nomor VARCHAR(10) unique,  
  jumlah INT,  
  harga DOUBLE DEFAULT 0,  
  produk_id INT,  
  vendor_id INT,  
  FOREIGN KEY (produk_id) REFERENCES produk(id),  
  FOREIGN KEY (vendor_id) REFERENCES vendor(id)  
);  
  
CREATE TABLE pesanan_items(  
  id INT auto_increment primary key,  
  qty INT,  
  harga DOUBLE DEFAULT 0,  
  produk_id INT,  
  pesanan_id INT,  
  FOREIGN KEY (produk_id) REFERENCES produk(id),  
  FOREIGN KEY (pesanan_id) REFERENCES pesanan(id)  
);  
  
INSERT INTO jenis_produk VALUES  
(DEFAULT, 'Skin Care'),  
(DEFAULT, 'Hair Care'),  
(DEFAULT, 'Body Care');  
(DEFAULT, 'Fragrance');  
(DEFAULT, 'Make Up');
```

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*INSERT INTO produk VALUES*

```
(DEFAULT, 'SC00001', 'Face Cleanser', '189000', '364000', '600', '10', 1),
(DEFAULT, 'SC00002', 'Face Toner', '223000', '442000', '750', '10', 1),
(DEFAULT, 'SC00003', 'Face Serum', '244000', '661000', '400', '10', 1),
(DEFAULT, 'HC00001', 'Hair Shampoo', '63122', '85300', '900', '10', 2),
(DEFAULT, 'HC00002', 'Hair Mask', '100408', '130400', '890', '10', 2),
(DEFAULT, 'HC00003', 'Hair Tonic', '59085', '90900', '560', '10', 2),
(DEFAULT, 'BC00001', 'Body Wash', '144000', '170000', '405', '10', 3),
(DEFAULT, 'BC00002', 'Body Scrub', '106000', '125000', '450', '10', 3),
(DEFAULT, 'BC00003', 'Body Lotion', '110000', '135000', '560', '10', 3),
(DEFAULT, 'FG00001', 'Floral Perfume', '124000', '159000', '332', '10', 4),
(DEFAULT, 'FG00002', 'Fruity Perfume', '110000', '145000', '443', '10', 4),
(DEFAULT, 'FG00003', 'Candy Perfume', '130000', '155000', '554', '10', 4),
(DEFAULT, 'MU00001', 'Cushion', '267000', '387000', '770', '10', 5),
(DEFAULT, 'MU00002', 'Liquid Blush On', '90000', '129000', '429', '10', 5),
(DEFAULT, 'MU00003', 'Mascara', '79000', '67000', '1029', '10', 5);
```

*INSERT INTO kartu VALUES*

```
(DEFAULT, 'C001', 'Basic Card', '2', '10000'),
(DEFAULT, 'C002', 'Silver Card', '5', '30000'),
(DEFAULT, 'C003', 'Gold Card', '10', '50000'),
(DEFAULT, 'C004', 'Platinum Card', '15', '70000'),
(DEFAULT, 'C005', 'VIP Card', '20', '100000');
```

*INSERT INTO pelanggan VALUES*

```
(DEFAULT, 'CUST001', 'Ethan James Anderson', '', '', NULL, '', '1'),
(DEFAULT, 'CUST002', 'Mason Alexander Lee', '', 'New York', '1997-12-08',
'masonlee@gmail.com', '2'),
(DEFAULT, 'CUST003', 'Emma Grace Miller', 'P', 'Bangkok', NULL, 'emma@gmail.com', '3'),
(DEFAULT, 'CUST004', 'Sophia Elizabeth Smith', 'P', 'London', '1989-01-01',
'sophia@gmail.com', '4'),
(DEFAULT, 'CUST005', 'Taylor Swift', 'P', 'Cambodia', '1989-02-22', 'taylorswift@gmail.com',
'5');
```

*INSERT INTO vendor VALUES*

```
('V001', 'SkINTific', 'Jakarta', '08123456789'),
('V002', 'Base', 'Bandung', '08223456789'),
('V003', 'Focallure', 'Surabaya', '08323456789'),
('V004', 'Wardah', 'Medan', '08423456789'),
('V005', 'Emina', 'Makassar', '08523456789');
```

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*INSERT INTO pembelian VALUES*

```
(DEFAULT, '2024-12-01', 'B001', '10', '7000000', 1, 1),  
(DEFAULT, '2024-12-02', 'B002', '20', '2000000', 2, 2),  
(DEFAULT, '2024-12-03', 'B003', '30', '1500000', 3, 3),  
(DEFAULT, '2024-12-04', 'B004', '15', '4500000', 4, 4),  
(DEFAULT, '2024-12-05', 'B005', '25', '1750000', 5, 5);
```

*INSERT INTO pesanan VALUES*

```
(DEFAULT, '2024-12-01', 100000, 16),  
(DEFAULT, '2024-12-02', 200000, 17),  
(DEFAULT, '2024-12-03', 150000, 18),  
(DEFAULT, '2024-12-04', 250000, 19),  
(DEFAULT, '2024-12-05', 300000, 20);
```

*INSERT INTO pembayaran VALUES*

```
(DEFAULT, 'K001-2024', '2024-12-01', 100000, 1, 6),  
(DEFAULT, 'K002-2024', '2024-12-02', 200000, 1, 7),  
(DEFAULT, 'K003-2024', '2024-12-03', 150000, 2, 8),  
(DEFAULT, 'K004-2024', '2024-12-04', 250000, 2, 9),  
(DEFAULT, 'K005-2024', '2024-12-05', 300000, 3, 10);
```

*INSERT INTO pesanan\_items VALUES*

```
(DEFAULT, 25, '7000000', 1, 6),  
(DEFAULT, 38, '100000', 2, 7),  
(DEFAULT, 12, '50000', 3, 8),  
(DEFAULT, 14, '300000', 4, 9),  
(DEFAULT, 53, '70000', 5, 10);
```

