tabel barang

|  |  |  |  |
| --- | --- | --- | --- |
| kode | nama | harga | stok |
| BRG1 | palu | 20000 | 14 |
| BRG2 | tang | 25000 | 16 |
| BRG3 | obeng | 12000 | 42 |
| BRG4 | tangga | 53500 | 5 |
| BRG5 | kuas | 5000 | 16 |

tabel pembelian

|  |  |  |  |
| --- | --- | --- | --- |
| kode | kode barang | jumlah | total harga |
| BLBRG1 | BRG1 | 1 |  |
| BLBRG2 | BRG1 | 1 |  |
| BLBRG3 | BRG2 | 2 |  |
| BLBRG4 | BRG3 | 3 |  |
| BLBRG5 | BRG4 | 1 |  |

Membuat database terlebih dahulu

|  |
| --- |
| CREATE DATABASE toko\_bangunan;  USE toko\_bangunan;  CREATE TABLE barang (  kode VARCHAR(20) PRIMARY KEY,  nama VARCHAR(50),  harga INT,  stok INT  );  CREATE TABLE pembelian (  kode VARCHAR(20) PRIMARY KEY,  kode\_barang VARCHAR(20),  jumlah INT,  total\_harga INT,  FOREIGN KEY (kode\_barang) REFERENCES barang(kode)  );  INSERT INTO barang (kode, nama, harga, stok) VALUES  ('BRG1', 'palu', 20000, 14),  ('BRG2', 'tang', 25000, 16),  ('BRG3', 'obeng', 12000, 42),  ('BRG4', 'tangga', 53500, 5),  ('BRG5', 'kuas', 5000, 16);    INSERT INTO pembelian (kode, kode\_barang, jumlah) VALUES  ('BLBRG1', 'BRG1', 1),  ('BLBRG2', 'BRG1', 1),  ('BLBRG3', 'BRG2', 2),  ('BLBRG4', 'BRG3', 3),  ('BLBRG5', 'BRG4', 1); |

1. buat trigger untuk mengupdate stok barang berdasarkan insert di tabel pembelian

|  |
| --- |
| DELIMITER $$  CREATE TRIGGER update\_stock\_after\_insert  AFTER INSERT ON pembelian  FOR EACH ROW  BEGIN  UPDATE barang  SET stok = stok - NEW.jumlah  WHERE kode = NEW.kode\_barang;  END $$  DELIMITER ; |

Contoh

|  |
| --- |
| INSERT INTO pembelian (kode, kode\_barang, jumlah) VALUES ('BLBRG6', 'BRG1', 3); |

1. buat trigger untuk mengupdate stok barang berdasarkan delete di tabel pembelian

|  |
| --- |
| DELIMITER $$  CREATE TRIGGER update\_stock\_after\_delete  AFTER DELETE ON pembelian  FOR EACH ROW  BEGIN  UPDATE barang  SET stok = stok + OLD.jumlah  WHERE kode = OLD.kode\_barang;  END $$  DELIMITER ; |

|  |
| --- |
| DELETE FROM pembelian WHERE kode = 'BLBRG6'; |