USE 38\_26;

SET FOREIGN\_KEY\_CHECKS = 0;

DROP TABLE IF EXISTS Brand;

DROP TABLE IF EXISTS VideoMemory;

DROP TABLE IF EXISTS Video\_motherboard;

DROP TABLE IF EXISTS Socket\_motherboard;

DROP TABLE IF EXISTS Price;

SET FOREIGN\_KEY\_CHECKS = 1;

CREATE TABLE Brand (

Brand\_id INT(5),

Brand\_Name VARCHAR(20),

image VARCHAR(10),

PRIMARY KEY (Brand\_id)

);

CREATE TABLE Videomemory (

Videomemory\_id INT(5),

Videomemory\_name VARCHAR(5),

image VARCHAR(5),

PRIMARY KEY (Videomemory\_id)

);

CREATE TABLE Video\_motherboard (

Video\_motherboard\_id INT(5),

Video\_motherboard\_name VARCHAR(5),

image VARCHAR(10),

PRIMARY KEY (Video\_motherboard\_id)

);

CREATE TABLE Price (

Price\_id INT(15),

Price\_Name VARCHAR(20),

image VARCHAR(10),

PRIMARY KEY (Price\_id)

);

CREATE TABLE Socket\_motherboard (

Name VARCHAR(100),

D\_brand INT(5),

D\_Videomemory INT(5),

D\_Video\_motherboard INT(5),

D\_Price int(5),

image VARCHAR(10),

INDEX(Name),

PRIMARY KEY (Name),

FOREIGN KEY (D\_brand) REFERENCES Brand (Brand\_id),

FOREIGN KEY (D\_Videomemory) REFERENCES Videomemory (Videomemory\_id),

FOREIGN KEY (D\_Video\_motherboard) REFERENCES Video\_motherboard (Video\_motherboard\_id),

FOREIGN KEY (D\_Price) REFERENCES Price (Price\_id)

);

INSERT INTO Brand (Brand\_id, Brand\_Name,image)

VALUES (0, 'AMD',null),

(1, 'MSI',null),

(2, 'Palit',null),

(3, 'Asus',null),

(4, 'Gigabyte',null);

INSERT INTO Videomemory (Videomemory\_id, Videomemory\_Name,image)

VALUES (0, '1GB',null),

(1, '2GB',null),

(2, '3GB',null),

(3, '4GB',null),

(4, '6GB',null),

(5, '8GB',null),

(6, '10GB',null);

INSERT INTO Video\_motherboard (Video\_motherboard\_id, Video\_motherboard\_Name,image)

VALUES  (0, 'AM4',null),

(1, 'AM4',null),

(2, 'LG12',null),

(3, 'LG12',null);

INSERT INTO Price (Price\_id, Price\_Name,image)

VALUES (0, '1',null),

(1, '2',null),

(2, '3',null),

(3, '4',null),

(4, '5',null);

INSERT INTO Socket\_motherboard (Name, D\_brand, D\_Videomemory, D\_Video\_motherboard,D\_Price,image)

VALUES ('AMD Radeon rx580', 0, 3, 0,3,null),

('AMD Radeon rx 230', 0, 0, 0,3,null),

('AMD B550M DS3H', 0, 3, 2,3,null),

('AMD PRIME A320M-K', 1, 3, 1,3,null),

('MSI RTX 3060', 1, 1, 3,3,null),

('MSI RTX 3050', 1, 3, 1,3,null),

('MSI PRO H610M-E', 2, 0, 2,3,null),

('MSI B560M-A PRO', 2, 0, 1,3,null),

('Palit RTX 3070ti', 2, 3, 2,3,null),

('Palit RTX2060SUPER', 3, 0, 0,3,null),

('Palit N61S', 3, 5, 3,3,null),

('Palit N73V', 3, 0, 1,3,null),

('Asus ROG Martix 2080ti', 4, 2, 2,3,null),

('Asus ROG Podeidon2104', 4, 4, 1,3,null),

('Asus PRO Z490 CREATOR 10G', 4, 4, 3,3,null),

('Asus WS W480-ACE', 4, 2, 0,3,null);

SELECT \* FROM Socket\_motherboard;

SELECT \* FROM Brand;

SELECT \* FROM Videomemory;

SELECT \* FROM Video\_motherboard;

SELECT \* FROM Price;

SELECT Name AS 'Наименование',

br.Brand\_Name AS 'Бренд',

wd.Videomemory\_Name AS 'Память видеокарты',

pr.Video\_motherboard\_name AS 'Сокет материнских плат',

pw.Price\_name AS 'Цена'

FROM Socket\_motherboard AS t

INNER JOIN Brand AS br ON

br.Brand\_id = t.D\_brand

INNER JOIN Videomemory AS wd ON

wd.Videomemory\_id =t.D\_Videomemory

INNER JOIN Video\_motherboard as pr ON

pr.Video\_motherboard\_id =t.D\_Video\_motherboard

INNER JOIN Price as pw ON

pw.Price\_id =t.D\_Price;