```
CREATE TABLE goods(
    id INTEGER PRIMARE KEY NOT NULL,
    name TEXT NOT NULL
);

CREATE TABLE category(
    id INTEGER PRIMARE KEY NOT NULL,
    name TEXT NOT NULL
);

CREATE TABLE goods_category(
    id_goods INTEGER NOT NULL,
    id_category INTEGER NOT NULL,
    FOREIGN KEY (id_goods) REFERENCES goods(id)
    FOREIGN KEY (id_category) REFERENCES category(id)
);

INSERT INTO goods(id,name)
VALUES ( 1 , 'apple');

INSERT INTO goods(id, name)
VALUES ( 2 , 'banana');

INSERT INTO goods(id, name)
VALUES (3 , 'potato');

INSERT INTO category(id, name)
VALUES (1, 'PC');

INSERT INTO category(id, name)
VALUES (2, 'fruit');

INSERT INTO goods_category(id_goods, id_category)
VALUES (1, 1);

INSERT INTO goods_category(id_goods, id_category)
VALUES (1, 2);

INSERT INTO goods_category(id_goods, id_category)
VALUES (2, 2);
```

```sql
SELECT * ,category.name as category_name
FROM goods
LEFT JOIN goods_category ON goods_category.id_goods=goods.id
LEFT JOIN category ON goods_category.id_category=category.id
```