```
{ "bookstore": {
    "books": [
        { "title": "Harry Potter",
          "author": "J.K Rowling",
          "price": 29.99,
          "avialable": "true",
        },
        {
          "title": "The Hobbit",
          "author": "J.R.R Tolkein",
          "price": 19.99,
          "avialable": "false",
        },


        }
    ]
}
```

```sql
1  create table emp1(emp_id int(10),f_name varchar(30),l_name varchar(30),dept_id int(10));
2  insert into emp1 values(1,"John","Doe",10);
3  insert into emp1 values(2,"Jane","Smith",20);
4  insert into emp1 values(3,"Mike","Johnson",30);
5  insert into emp1 values(4,"Emily","Davis",40);
6  select *from emp1
7
```

STDIN

Input for the program (Optional)

Output:

```
+--------+--------+---------+---------+
| emp_id | f_name | l_name  | dept_id |
+--------+--------+---------+---------+
|      1 | John   | Doe     |      10 |
|      2 | Jane   | Smith   |      20 |
|      3 | Mike   | Johnson |      30 |
|      4 | Emily  | Davis   |      40 |
+--------+--------+---------+---------+
```

```sql
1   create table emp1(emp_id int(10),f_name varchar(30),l_name varchar(30),dept_id int(10));
2   insert into emp1 values(1,"John","Doe",10);
3   insert into emp1 values(2,"Jane","Smith",20);
4   insert into emp1 values(3,"Mike","Johnson",30);
5   insert into emp1 values(4,"Emily","Davis",40);
6   create table dept(dept_id int(10),dept_name varchar(20));
7   insert into dept values(10,"HR");
8   insert into dept values(20,"Sales");
9   insert into dept values(30,"IT");
10  insert into dept values(40,"Marketing");
11  select *from dept;
12
13
```

STDIN

Input for the program (Optiona

Output:

```
+---------+-----------+
| dept_id | dept_name |
+---------+-----------+
|      10 | HR        |
|      20 | Sales     |
|      30 | IT        |
|      40 | Marketing |
+---------+-----------+
```

```
11  select *from emp1
12  INNER JOIN dept ON emp1.dept_id = dept.dept_id;
13
14
15
```

```
+--------+--------+----------+---------+---------+-----------+
| emp_id | f_name | l_name   | dept_id | dept_id | dept_name |
+--------+--------+----------+---------+---------+-----------+
|      1 | John   | Doe      |      10 |      10 | HR        |
|      2 | Jane   | Smith    |      20 |      20 | Sales     |
|      3 | Mike   | Johnson  |      30 |      30 | IT        |
|      4 | Emily  | Davis    |      40 |      40 | Marketing |
+--------+--------+----------+---------+---------+-----------+
```

```sql
1   create table emp1(emp_id int(10),f_name varchar(30),l_name varchar(30),dept_id int(10));
2   insert into emp1 values(1,"John","Doe",10);
3   insert into emp1 values(2,"Jane","Smith",20);
4   insert into emp1 values(3,"Mike","Johnson",30);
5   insert into emp1 values(4,"Emily","Davis",40);
6   create table dept(dept_id int(10),dept_name varchar(20));
7   insert into dept values(10,"HR");
8   insert into dept values(20,"Sales");
9   insert into dept values(30,"IT");
10  insert into dept values(40,"Marketing");
11  SELECT *
12  FROM emp1
13  LEFT OUTER JOIN dept ON emp1.dept_id=dept.dept_id;
14
15
16
```

STDIN

Input for the program (Optional)

Output:

```
+--------+--------+----------+---------+---------+-----------+
| emp_id | f_name | l_name   | dept_id | dept_id | dept_name |
+--------+--------+----------+---------+---------+-----------+
|      1 | John   | Doe      |      10 |      10 | HR        |
|      2 | Jane   | Smith    |      20 |      20 | Sales     |
|      3 | Mike   | Johnson  |      30 |      30 | IT        |
|      4 | Emily  | Davis    |      40 |      40 | Marketing |
+--------+--------+----------+---------+---------+-----------+
```

```sql
1   create table emp1(emp_id int(10),f_name varchar(30),l_name varchar(30),dept_id int(10));
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6   create table dept(dept_id int(10),dept_name varchar(20));
7   insert into dept values(10,"HR");
8   insert into dept values(20,"Sales");
9   insert into dept values(30,"IT");
10  insert into dept values(40,"Marketing");
11  SELECT *
12  FROM emp1
13  RIGHT OUTER JOIN dept ON emp1.dept_id=dept.dept_id;
14
15
16
```

STDIN

Input for the program (Optional)

Output:

```
+--------+--------+----------+---------+---------+-----------+
| emp_id | f_name | l_name   | dept_id | dept_id | dept_name |
+--------+--------+----------+---------+---------+-----------+
|      1 | John   | Doe      |      10 |      10 | HR        |
|      2 | Jane   | Smith    |      20 |      20 | Sales     |
|      3 | Mike   | Johnson  |      30 |      30 | IT        |
|      4 | Emily  | Davis    |      40 |      40 | Marketing |
+--------+--------+----------+---------+---------+-----------+
```

```sql
1   create table emp2(emp_id int(10),f_name varchar(30),l_name varchar(30),email_id varchar(50));
2   insert into emp2 values(1,"John","Doe","john.doe@example.com");
3   insert into emp2 values(2,"Jane","Smith","jane.smith@example.com");
4   insert into emp2 values(3,"John","Doe","john.doe@example.com");
5   insert into emp2 values(4,"Emily","Davis","emily.davis@example.com");
6   select *from emp2;
7
8
9
10
11
12
```

STDIN

Input for the program (Optional)

Output:

```
+--------+--------+--------+-------------------------+
| emp_id | f_name | l_name | email_id                |
+--------+--------+--------+-------------------------+
|      1 | John   | Doe    | john.doe@example.com    |
|      2 | Jane   | Smith  | jane.smith@example.com  |
|      3 | John   | Doe    | john.doe@example.com    |
|      4 | Emily  | Davis  | emily.davis@example.com |
+--------+--------+--------+-------------------------+
```

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```sql
1  create table emp2(emp_id int(10),f_name varchar(30),l_name varchar(30),email_id varchar(50));
2  insert into emp2 values(1,"John","Doe","john.doe@example.com");
3  insert into emp2 values(2,"Jane","Smith","jane.smith.@example.com");
4  insert into emp2 values(3,"John","Doe","john.doe@example.com");
5  insert into emp2 values(4,"Emily","Davis","emily.davis@example");
6  SELECT f_name, l_name, COUNT(*) as Count
7  FROM emp2
8  GROUP BY f_name,l_name
9  HAVING COUNT(*) > 1;
10
11
```

STDIN

Input for the program (Optional)

Output:

```
+--------+--------+-------+
| f_name | l_name | Count |
+--------+--------+-------+
| John   | Doe    |     2 |
+--------+--------+-------+
```

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```sql
1  create table emp2(emp_id int(10),f_name varchar(30),l_name varchar(30),email_id varchar(50));
2  insert into emp2 values(1,"John","Doe","john.doe@example.com");
3  insert into emp2 values(2,"Jane","Smith","jane.smith.@example.com");
4  insert into emp2 values(3,"Mike","Johnson","john.doe@example.com");
5  insert into emp2 values(4,"Emily","Davis","emily.davis@example.com");
6  SELECT email_id, COUNT(email_id) AS email_id FROM emp2 GROUP BY email_id HAVING COUNT(email_id) > 1;
7
```

STDIN

Input for the program (Optional)

Output:

```
+----------------------+----------+
| email_id             | email_id |
+----------------------+----------+
| john.doe@example.com |        2 |
+----------------------+----------+
```