task=# \c employee

You are now connected to database "employee" as user "postgres".

employee=# \d

Did not find any relations.

employee=# \c badge

You are now connected to database "badge" as user "postgres".

badge=# \d

List of relations

Schema | Name | Type | Owner

--------+-----------------+----------+----------

public | basket\_a | table | postgres

public | basket\_b | table | postgres

public | employee | table | postgres

public | employee\_id\_seq | sequence | postgres

public | student | table | postgres

public | student\_int\_seq | sequence | postgres

public | top\_rated\_films | table | postgres

(7 rows)

badge=# select\* from basket\_a;

a | fruit\_a

---+----------

1 | Apple

2 | Orange

3 | Banana

4 | Cucumber

(4 rows)

badge=# select\* from basket\_b;

b | fruit\_b

---+------------

1 | Orange

2 | Apple

3 | Watermelon

4 | Pear

(4 rows)

badge=# select a,fruit\_a,b,fruit\_b from basket\_a inner join basket\_b on fruit\_a=fruit\_b;

a | fruit\_a | b | fruit\_b

---+---------+---+---------

1 | Apple | 2 | Apple

2 | Orange | 1 | Orange

(2 rows)

badge=# select a,fruit\_a,b,fruit\_b from basket\_a left join basket\_b on fruit\_a=fruit\_b;

a | fruit\_a | b | fruit\_b

---+----------+---+---------

1 | Apple | 2 | Apple

2 | Orange | 1 | Orange

3 | Banana | |

4 | Cucumber | |

(4 rows)

badge=# select a,fruit\_a,b,fruit\_b from basket\_a left join basket\_b on fruit\_a=fruit\_b where b is null;

a | fruit\_a | b | fruit\_b

---+----------+---+---------

3 | Banana | |

4 | Cucumber | |

(2 rows)

badge=# select a,fruit\_a,b,fruit\_b from basket\_a right join basket\_b on fruit\_a=fruit\_b;

a | fruit\_a | b | fruit\_b

---+---------+---+------------

1 | Apple | 2 | Apple

2 | Orange | 1 | Orange

| | 3 | Watermelon

| | 4 | Pear

(4 rows)

badge=# select a,fruit\_a,b,fruit\_b from basket\_a right join basket\_b on fruit\_a=fruit\_b where a is null;

a | fruit\_a | b | fruit\_b

---+---------+---+------------

| | 3 | Watermelon

| | 4 | Pear

(2 rows)

badge=# select a,fruit\_a,b,fruit\_b from basket\_a full outer join basket\_b on fruit\_a=fruit\_b;

a | fruit\_a | b | fruit\_b

---+----------+---+------------

1 | Apple | 2 | Apple

2 | Orange | 1 | Orange

3 | Banana | |

4 | Cucumber | |

| | 3 | Watermelon

| | 4 | Pear

(6 rows)

badge=# select a,fruit\_a,b,fruit\_b from basket\_a inner join basket\_b on fruit\_a=fruit\_b;

a | fruit\_a | b | fruit\_b

---+---------+---+---------

1 | Apple | 2 | Apple

2 | Orange | 1 | Orange

(2 rows)

badge=# select\* from basket\_a;

a | fruit\_a

---+----------

1 | Apple

2 | Orange

3 | Banana

4 | Cucumber

(4 rows)

badge=# select\* from basket\_b;

b | fruit\_b

---+------------

1 | Orange

2 | Apple

3 | Watermelon

4 | Pear

(4 rows)

badge=# select a,fruit\_a,b,fruit\_b from basket\_a inner join basket\_b on fruit\_a=fruit\_b;

a | fruit\_a | b | fruit\_b

---+---------+---+---------

1 | Apple | 2 | Apple

2 | Orange | 1 | Orange

(2 rows)

badge=# select a,fruit\_a,b,fruit\_b from basket\_a left join basket\_b on fruit\_a=fruit\_b;

a | fruit\_a | b | fruit\_b

---+----------+---+---------

1 | Apple | 2 | Apple

2 | Orange | 1 | Orange

3 | Banana | |

4 | Cucumber | |

(4 rows)

badge=# select\* from basket\_a;

a | fruit\_a

---+----------

1 | Apple

2 | Orange

3 | Banana

4 | Cucumber

(4 rows)

badge=# select\* from basket\_b;

b | fruit\_b

---+------------

1 | Orange

2 | Apple

3 | Watermelon

4 | Pear

(4 rows)

badge=# select a,fruit\_a,b,fruit\_b from basket\_a inner jion basket\_b on fruit\_a=fruit\_b;

ERROR: syntax error at or near "jion"

LINE 1: select a,fruit\_a,b,fruit\_b from basket\_a inner jion basket\_b...

^

badge=# select a,fruit\_a,b,fruit\_b from basket\_a inner join basket\_b on fruit\_a=fruit\_b;

a | fruit\_a | b | fruit\_b

---+---------+---+---------

1 | Apple | 2 | Apple

2 | Orange | 1 | Orange

(2 rows)

badge=# select a,fruit\_a,b,fruit\_b from basket\_a left join basket\_b on fruit\_a=fruit\_b;

a | fruit\_a | b | fruit\_b

---+----------+---+---------

1 | Apple | 2 | Apple

2 | Orange | 1 | Orange

3 | Banana | |

4 | Cucumber | |

(4 rows)

badge=# select a,fruit\_a,b,fruit\_b from basket\_b left join basket\_a on fruit\_a=fruit\_b;

a | fruit\_a | b | fruit\_b

---+---------+---+------------

1 | Apple | 2 | Apple

2 | Orange | 1 | Orange

| | 3 | Watermelon

| | 4 | Pear

(4 rows)

badge=# select a,fruit\_a,b,fruit\_b from basket\_a right join basket\_b on fruit\_a=fruit\_b;

a | fruit\_a | b | fruit\_b

---+---------+---+------------

1 | Apple | 2 | Apple

2 | Orange | 1 | Orange

| | 3 | Watermelon

| | 4 | Pear

(4 rows)

badge=# SELECT

badge-# a,

badge-# fruit\_a,

badge-# b,

badge-# fruit\_b

badge-# FROM

badge-# basket\_a

badge-# RIGHT JOIN basket\_b

badge-# ON fruit\_a = fruit\_b

badge-# WHERE a IS NULL;

a | fruit\_a | b | fruit\_b

---+---------+---+------------

| | 3 | Watermelon

| | 4 | Pear

(2 rows)

badge=# select\* from basket\_a;

a | fruit\_a

---+----------

1 | Apple

2 | Orange

3 | Banana

4 | Cucumber

(4 rows)

badge=# select\* from basket\_b;

b | fruit\_b

---+------------

1 | Orange

2 | Apple

3 | Watermelon

4 | Pear

(4 rows)

badge=# select a,fruit\_a,b,fruit\_b from basket\_a inner join basket\_b on fruit\_a=fruit\_b;

a | fruit\_a | b | fruit\_b

---+---------+---+---------

1 | Apple | 2 | Apple

2 | Orange | 1 | Orange

(2 rows)

badge=# select a,fruit\_a,b,fruit\_b from basket\_a left join basket\_b on fruit\_a=fruit\_b;

a | fruit\_a | b | fruit\_b

---+----------+---+---------

1 | Apple | 2 | Apple

2 | Orange | 1 | Orange

3 | Banana | |

4 | Cucumber | |

(4 rows)

badge=# select a,fruit\_a,b,fruit\_b from basket\_a right join basket\_b on fruit\_a=fruit\_b;

a | fruit\_a | b | fruit\_b

---+---------+---+------------

1 | Apple | 2 | Apple

2 | Orange | 1 | Orange

| | 3 | Watermelon

| | 4 | Pear

(4 rows)

badge=# select a,fruit\_a,b,fruit\_b from basket\_a left join basket\_b on fruit\_a=fruit\_b where b is null;

a | fruit\_a | b | fruit\_b

---+----------+---+---------

3 | Banana | |

4 | Cucumber | |

(2 rows)