```sql
SELECT first_name FROM customer;

SELECT
  first_name,
  last_name,
  email
FROM
  customer;


SELECT
  first_name || ' ' || last_name,
  email
FROM
  customer;


SELECT
  first_name,
  last_name AS surname
FROM customer;


SELECT
  first_name || ' ' || last_name AS full_name
FROM
  customer;


SELECT
        first_name,
        last_name
```

```
FROM
        customer
ORDER BY
        first_name ASC;


SELECT
        first_name,
        last_name
FROM
        customer
ORDER BY
        first_name ASC,
        last_name DESC;


SELECT
        first_name,
        LENGTH(first_name) len
FROM
        customer
ORDER BY
        len DESC;
select distinct last_name
from customer;


SELECT
        last_name,
        first_name
```

```sql
FROM

    customer

WHERE

    first_name = 'Jamie';



SELECT

    first_name,

    last_name

FROM

    customer

WHERE

    last_name = 'Rodriguez' OR

    first_name = 'Adam';



SELECT

    first_name,

    last_name

FROM

    customer

WHERE

    first_name IN ('Ann','Anne','Annie');



SELECT

    first_name,

    last_name

FROM
```

```
        customer
WHERE
        first_name LIKE 'Ann%'



SELECT
        first_name,
        LENGTH(first_name) name_length
FROM
        customer
WHERE
        first_name LIKE 'A%' AND
        LENGTH(first_name) BETWEEN 3 AND 5
ORDER BY
        name_length;


SELECT
        first_name,
        last_name
FROM
        customer
WHERE
        first_name LIKE 'Br%' AND
        last_name <> 'Motley';


SELECT
        film_id,
```

```sql
        title,

        rental_rate

FROM

        film

ORDER BY

        rental_rate DESC

LIMIT 10;


SELECT

        customer_id,

        rental_id,

        return_date

FROM

        rental

WHERE

        customer_id NOT IN (1, 2);


SELECT customer_id

FROM rental

WHERE CAST (return_date AS DATE) = '2005-05-27'

ORDER BY customer_id;


CREATE TABLE contacts(

   id SERIAL,

   first_name VARCHAR(50) NOT NULL,

   last_name VARCHAR(50) NOT NULL,

   email VARCHAR(255) NOT NULL,
```

```sql
    phone VARCHAR(15),

    PRIMARY KEY (id)

);


INSERT INTO contacts(first_name, last_name, email, phone)

VALUES ('John','Doe','john.doe@example.com',NULL),

    ('Lily','Bush','lily.bush@example.com','(408-234-2764)');

SELECT

    id,

    first_name,

    last_name,

    email,

    phone

FROM

    contacts

WHERE

    phone IS  NULL;


SELECT

        first_name,

        last_name

FROM

        customer

WHERE

        first_name LIKE '_her%'

ORDER BY

    first_name;
```

```
SELECT
        customer_id,
        payment_id,
        amount
FROM
        payment
WHERE
        amount BETWEEN 8 AND 9;


SELECT
        customer_id,
        payment_id,
        amount,
 payment_date
FROM
        payment
WHERE
        payment_date BETWEEN '2007-02-07' AND '2007-02-15';


SELECT
  customer_id
FROM
  payment
GROUP BY
  customer_id;
```

```sql
SELECT
        customer_id,
        SUM (amount)
FROM
        payment
GROUP BY
        customer_id;


SELECT
        customer_id,
        SUM (amount)
FROM
        payment
GROUP BY
        customer_id
ORDER BY
        SUM (amount) DESC;

SELECT
        staff_id,
        COUNT (payment_id)
FROM
        payment
GROUP BY
        staff_id;


SELECT
        DATE(payment_date) paid_date,
```

```
        SUM(amount) sum

FROM

        payment

GROUP BY

        DATE(payment_date);


SELECT

        customer_id,

        SUM (amount)

FROM

        payment

GROUP BY

        customer_id

HAVING

        COUNT (customer_id) > 10
```