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1. Retrieve all customer information.

```
select * from Customers;
```

2. Retrieve all order details.

```
select * from Orders;
```

3. Retrieve all shipping details.

```
select * from Shippings;
```

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4. Find the total number of customers.

```
select count(*) as total_customers from Customers;
```

5. Find the average age of customers.

```
select avg(age) as average_age from Customers;
```

```
mysql> select avg(age) as average_age from Customers;

| average_age |
+-----+
| 25.6000 |
+-----+
1 row in set (0.01 sec)
```

6. Find customers who have placed orders and their order details.

```
select c.*, o.order_id, o.item, o.amount
from Customers as c, Orders as o
where c.customer_id = o.customer_id;
```

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7. Retrieve customers who have not placed any orders.

```
select *
from Customers
where customer_id not in (select customer_id from Orders);
```

8. Find the customer with the highest total order amount.

```
select c.*, t1.x as highest_total
from (
    select customer_id, sum(amount) as x
    from Orders
    group by customer_id
) as t1, Customers as c
where t1.customer_id = c.customer_id
and x = (
    select max(x)
    from (
        select sum(amount) as x
        from Orders
        group by customer_id
) as t2
);
```

PROF

```
mysql> select c.*, t1.x as highest_total

ightarrow from (
    → select customer_id, sum(amount) as x
         from Orders
group by customer_id
    \rightarrow ) as t1, Customers as c
    → where t1.customer_id = c.customer_id
    \rightarrow and x = (
    → select max(x)
→ from (
          select sum(amount) as x
              from Orders
          group by customer_id
    \rightarrow ) as t2
    \rightarrow );
 customer_id | first_name | last_name | age | country | highest_total
            3 | David | Robinson | 22 | UK |
1 row in set (0.00 sec)
```

9. Retrieve the items ordered by customers from the UK.

```
select o.item
from Customers as c, Orders as o
where c.country = 'UK'
and c.customer_id = o.customer_id;
```

10. Find the status of orders placed by customers aged 25 or below.

Only the shipping details:

```
select s.*
from Shippings as s, Customers as c
where c.age <= 25
and c.customer_id = s.customer;</pre>
```

Customer details are also visible:

+ 5 / 5 +

```
select s.shipping_id, s.status, c.*
from Shippings as s, Customers as c
where c.age <= 25
and c.customer_id = s.customer;</pre>
```