Table order1

```
mysql> SELECT * FROM order1;
+----------+-------------+------------+--------+
| order_id | customer_id | order_date | amount |
+----------+-------------+------------+--------+
|        1 |         101 | 2024-01-15 |    250 |
|        2 |         102 | 2024-01-17 |    300 |
|        3 |         101 | 2024-01-18 |    200 |
|        4 |         103 | 2024-02-01 |    150 |
|        5 |         101 | 2024-02-10 |    100 |
|        6 |         102 | 2024-02-15 |    400 |
+----------+-------------+------------+--------+
6 rows in set (0.00 sec)
```

Q1: SELECT customer_id, SUM(amount) AS amt_spend FROM order1 GROUP BY customer_id;

```
+-------------+-----------+
| customer_id | amt_spend |
+-------------+-----------+
|         101 |       550 |
|         102 |       700 |
|         103 |       150 |
+-------------+-----------+
3 rows in set (0.02 sec)
```

Q2 SELECT customer_id, SUM(amount) AS amt_spend FROM order1 GROUP BY customer_id HAVING SUM(amount) > 500;

```
+-------------+-----------+
| customer_id | amt_spend |
+-------------+-----------+
|         101 |       550 |
|         102 |       700 |
+-------------+-----------+
2 rows in set (0.00 sec)
```

Q3 SELECT AVG(amount) AS avg_amt FROM order1;

```
+----------+
| avg_amt  |
+----------+
| 233.3333 |
+----------+
1 row in set (0.00 sec)
```

Q4 SELECT customer_id, COUNT(order_id) AS num_order FROM order1 GROUP BY customer_id;

```
+-------------+-----------+
| customer_id | num_order |
+-------------+-----------+
|         101 |         3 |
|         102 |         2 |
|         103 |         1 |
+-------------+-----------+
3 rows in set (0.00 sec)
```

Q5 SELECT customer_id, COUNT(order_id) AS num_order FROM order1 GROUP BY customer_id ORDER BY num_order DESC LIMIT 1;

```
+-------------+-----------+
| customer_id | num_order |
+-------------+-----------+
|         101 |         3 |
+-------------+-----------+
1 row in set (0.00 sec)
```