Answer

1. SELECT \* FROM orders WHERE category\_id=2;
2. SELECT \* FROM orders WHERE category\_id IN (2,4,5);
3. SELECT \* FROM orders WHERE price > '35';
4. SELECT \* FROM orders WHERE date\_of\_birth > '1980-01-01' AND newsletter = '1';
5. SELECT \* FROM orders WHERE customer\_surname LIKE 'DAVENPORT';
6. SELECT customer\_firstname,count(id) as number\_of\_order from orders where customer\_firstname LIKE 'Br%' group by customer\_firstname ORDER BY number\_of\_order DESC Limit 1;
7. SELECT \* FROM orders WHERE category\_id=3 ORDER BY price DESC;
8. SELECT trans\_date as 'Transaction date', price as 'Price', promo\_code as 'Promotion' FROM orders ;
9. SELECT CONCAT(`customer\_firstname`, ' ', `customer\_surname`) as 'costomer\_name', county as County FROM orders;
10. SELECT category\_id, AVG(price), MIN(price), MAX(price) FROM orders GROUP BY category\_id;
11. SELECT category\_name, count(orders.id) as `Total order`, sum(price) as `Total sales` from orders join categories`c` on (orders.category\_id=c.id) group by category\_name;
12. SELECT orders.id as 'order\_ID', categories.category\_name as 'Category', promotions.discount as'Discounted by', orders.trans\_date as 'Transaction Date', orders.customer\_surname as'Surname', orders.customer\_firstname as 'Firstname', orders.price as 'Order Price' FROM categories INNER JOIN orders on categories.id = orders.category\_id INNER JOIN promotions on promotions.code=orders.promo\_code;