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| SQL Answer: |
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|  | --1) |
|  | SELECT `category\_id`=2, COUNT(\*) FROM `orders` GROUP BY `category\_id`=2；  --2)  SELECT `category\_id`, COUNT(\*) FROM `orders` WHERE `category\_id` IN (2,4,5) GROUP BY `category\_id`;  --3)  SELECT 'orders', COUNT(\*) FROM `orders` WHERE `price` > '35' GROUP BY 'orders';  --4)  SELECT \* FROM `orders` WHERE date\_of\_birth < '1980-01-01' AND `newsletter` = '1';  --5)  SELECT \* FROM `orders` WHERE customer\_surname = 'Davenport' OR customer\_firstname = 'Davenport';  --6)  SELECT \* FROM `orders` WHERE `customer\_firstname` LIKE 'Br%' ORDER BY `price` DESC;  --7)  SELECT \* FROM `orders` WHERE `category\_id` = 3 ORDER BY `price`DESC;  --8)  Select the following fields from all orders (trans\_date, price, promo\_code) renaming the colum (field) headings ('Transaction Date', 'Price' & 'Promotion Code')  SELECT `trans\_date` as `Transaction Date`, `price` as `Price` , `promo\_code` as `Promotion Code` FROM `orders`;  --9）  Select the following fields (customer\_surname, customer\_firstname, county) from all orders, with customer names in a single field named 'Customer Name' and in the format <Surname>, <Firstname>, with surname capitalised. The county field is to be renamed 'County'.  -- 10) |
|  | SELECT `category\_id`, AVG(`price`), MIN(`price`), MAX(`price`) FROM `orders`  GROUP BY `category\_id`; |
|  | -- 11)  SELECT `category\_id`, 'category\_name'as 'Category','number of sales'as'Total Orders','total sales'as 'Total Sales'FROM `orders`  GROUP BY `category\_id`; |
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|  | -- 12)  SELECT 'Transaction Date','Category', 'Surname', 'Firstname', 'Order Price', 'Category', 'Discounted by'FROM `orders` |