* **Find how many customers are there group by category**

SELECT Customer\_Type, COUNT(Customer\_Type) AS Total

FROM customer

GROUP BY Customer\_Type;

* **Find apartment whose name is 'Bilash Vobon' or zip code id is 1210**

SELECT Address\_ID, Apartment\_Name, Zipcode\_ID

FROM address

WHERE (Apartment\_Name= 'Bilash Vobon' OR Zipcode\_ID = '1210')

ORDER BY Zipcode\_ID DESC;

* **Find the supplied product count and their group for each product**

SELECT supplier.Supplier\_ID, supplier.Supplier\_Name, Count(product.Group\_ID) AS `Product Count`, `product group`.Group\_Name

FROM supplier

INNER JOIN product

ON supplier.Supplier\_ID = product.Supplier\_ID

INNER JOIN `product group`

ON product.Group\_ID = `product group`.Group\_ID

GROUP BY Supplier\_ID ASC;

* **List of products by department which has high defect%**

SELECT reviews.Product\_ID, product.Product\_Name, MAX(reviews.`Defect%`)

AS `Defect%`, `product group`.Group\_Name

FROM reviews

INNER JOIN product ON reviews.Product\_ID = product.Product\_ID

INNER JOIN `product group` ON product.Group\_ID = `product group`.Group\_ID

GROUP BY `product group`.Group\_ID;

* **Total amount of revenue earned with respect to their purchasing modes**

SELECT COUNT(Payment\_Mode) AS Total\_Cutomers, payment.Payment\_Mode, SUM(bill.Amount\_Paid)

AS Total\_Amount

FROM payment

INNER JOIN bill

ON payment.Payment\_ID = bill.Payment\_ID

GROUP BY Payment\_Mode;

* **Find the quantity of products available whose status is in progress and shipment duration is immediate**

SELECT product.Product\_Name, product.Available\_Number, `order product`.Quantity, orders.Order\_Date, orders.`Status`, orders.Shipment\_Duration

FROM orders

INNER JOIN `order product`

ON orders.Order\_ID = `order product`.Order\_ID

INNER JOIN product

ON `order product`.Product\_ID = product.Product\_ID

WHERE orders.`Status` = 'In Progress' AND orders.Shipment\_Duration = 'Immediate';

* **Find the names and defect% order by defect%**

SELECT Product\_Name,`Defect%`

FROM product

INNER JOIN reviews

ON reviews.Product\_ID = product.Product\_ID

ORDER BY `Defect%` Desc;

* **Find customers payment id, mode, voucher applied and their visit number**

SELECT bill.Voucher\_id, payment.Payment\_ID, payment.Payment\_Mode, payment.Visit\_Number

FROM bill, payment

WHERE payment.Payment\_ID = bill.Payment\_ID

AND bill.Amount\_Paid > 1000;

* **Find product and their respective colour**

SELECT Product\_Name, Colour

FROM `product details`

INNER JOIN product

ON `product details`.Product\_ID = product.Product\_ID

ORDER BY Colour;

* **Find the product names and their respective groups**

SELECT Group\_Name, Product\_Name

FROM `product group`

INNER JOIN product

ON `product group`.Group\_ID = product.Group\_ID

ORDER BY Group\_Name;

* **Find total salaries paid to each employee type**

SELECT SUM(Salary), Employee\_Type

FROM employees

GROUP BY Employee\_Type;

* **Find maximum salaries paid to each employee type**

SELECT MAX(Salary), Employee\_Type

FROM employees

GROUP BY Employee\_Type;