**MySQL Assignment**

1. **Return All customer mobile who do not have any order.**

* SELECT mobile FROM user WHERE user.id NOT IN (SELECT user\_id FROM orders);

1. **Return top 5 buyers and top 5 orders and top 5 most bought product**

* SELECT id,firstName,lastName,mobile, SUM(total) FROM user,orders WHERE user.id=orders.user\_id GROUP BY id ORDER BY SUM(total) DESC LIMIT 5;
* SELECT \* FROM orders ORDER BY total DESC LIMIT 5;
* SELECT \* FROM products ORDER BY quantity DESC LIMIT 5;

1. **Return city wise customer count**

* SELECT city, COUNT(city) from address GROUP BY city;

1. **Return total amount of orders received till a particular time frame**
   * + SELECT SUM(total) FROM orders WHERE order\_date<'2021-06-01';
2. **Find all the order having amount greater than average order amount**
   * SELECT \* FROM orders WHERE total > (SELECT AVG(total) FROM orders);
3. **Give A Discount of 2000 To all in cart orders**

* UPDATE orders SET discount= CASE WHEN sub\_total+shipping<=2000 THEN sub\_total+shipping ELSE 2000 END;

UPDATE orders SET total=sub\_total+shipping-discount;

SELECT \* FROM orders;