1. **All the Tables in the Database**

SELECT \*FROM Book;

SELECT \*FROM Customer;

SELECT \*FROM Category;

SELECT \*FROM Orders;

SELECT \*FROM Employee;

1. **Show Working of trigger when quantity ordered is more than quantity in stock**

INSERT INTO Orders(order\_id,email,isbn,quantity,order\_date)

VALUES

(4,'barkhl@hotmail.com',696025574,5,'2016-06-06')

Change quantity to 3 to place order

1. **Calculate Total Sum of order where there are 2 or more books and different quantity**

SELECT SUM(o.quantity\*b.price)AS Total\_Amount FROM Orders o

INNER JOIN Book b

USING(isbn)

WHERE order\_id=1;

1. **Sub query to list all the book title between ‘A’ and ‘M’ whose price is greater than average price**

select author\_fname,author\_lname,title,edition,publisher,price from book WHERE title BETWEEN 'A' AND 'M'AND price> (select avg(price) from book)

ORDER BY title;

SELECT AVG(price) FROM Book;

1. **Number of Customers from each state**

SELECT state, COUNT(state)AS Number\_of\_Customers FROM Customer

GROUP BY state;

1. **Books with Category name arranged in ascending order of Category**

SELECT author\_fname,author\_lname,title,c.category\_name,price,edition,publisher,quantity FROM Book

INNER JOIN Category c

USING (category\_id)

ORDER BY c.category\_name;