**SQL – TAKE HOME LAB\_EXERCISE – 03**

**USE Orders SCHEMA:**

**PLEASE FIND LINK :DOWNLOAD ORDERS SCHEMA AND IMPORT IN MY SQL**

[**https://drive.google.com/open?id=15t6\_aO54J9iFPPirXLp9pUGcKGJ9NeYO**](https://drive.google.com/open?id=15t6_aO54J9iFPPirXLp9pUGcKGJ9NeYO)

1. **Write a query to Display the product details (product\_class\_code, product\_id, product\_desc, product\_price,) as per the following criteria and sort them in descending order of category:**
   1. **If the category is 2050, increase the price by 2000**
   2. **If the category is 2051, increase the price by 500**
   3. **If the category is 2052, increase the price by 600.**

**(60 ROWS)[NOTE:PRODUCT TABLE]**

1. **Write a Query to display the the product description, product class description and product price of all products which are shipped.(168 rows)**

**[NOTE : TABLE TO BE USED:PRODUCT\_CLASS,PRODUCT, ORDER\_ITEMS,ORDER\_HEADER]**

1. **Write a query to display the customer\_id,customer name, email and order details (order id, product desc,product qty, subtotal(product\_quantity \* product\_price)) for all customers even if they have not ordered any item.(225 ROWS)**

**[NOTE : TABLE TO BE USED - online\_customer, order\_header, order\_items, product]**

1. **Write a query to display the customer\_id,customer full name ,city,pincode,and order details (order id,order date, product class desc, product desc, subtotal(product\_quantity \* product\_price)) for orders shipped to cities whose pin codes do not have any 0s in them. Sort the output on customer name, order date and subtotal.(52 ROWS)**

**[NOTE : TABLE TO BE USED - online\_customer, address, order\_header, order\_items, product, product\_class]**

1. **Write a query to display (customer id,customer fullname,city) of customers from outside ‘Karnataka’ who haven’t bought any toys or books.(19 ROWS)**

**[NOTE : TABLES TO BE USED – online\_customer, address,**

**order\_header, order\_items, product, product\_class].**

1. **Write a query to display details (customer id,customer fullname,order id,product quantity) of customers who bought more than ten (i.e. total order qty) products per order.**

**(11 ROWS)**

**[NOTE : TABLES TO BE USED - online\_customer, order\_header, order\_items]**

1. **Write a query to display the customer full name and total order value(product\_quantity\*product\_price) of premium customers (i.e. the customers who bought items total worth > Rs. 1 lakh.)(2 ROWS)**

**[ NOTE : TABLES TO BE USED – ONLINE\_CUSTOMER,ORDER\_HEADER,**

**ORDER\_ITEMS,PRODUCT]**

1. **Write a query to display the customer id and cutomer full name of customers along with (product\_quantity) as total quantity of products ordered for order ids > 10060.(6 ROWS)**

**[NOTE : TABLES TO BE USED - online\_customer, order\_header, order\_items]**

1. **Write a query to display (product\_class\_desc, product\_id, product\_desc, product\_quantity\_avail ) and Show inventory status of products as below as per their available quantity:**
   1. **For Electronics and Computer categories, if available quantity is < 10, show 'Low stock', 11 < qty < 30, show 'In stock', > 31, show 'Enough stock'**
   2. **For Stationery and Clothes categories, if qty < 20, show 'Low stock', 21 < qty < 80, show 'In stock', > 81, show 'Enough stock'**
   3. **Rest of the categories, if qty < 15 – 'Low Stock', 16 < qty < 50 – 'In Stock', > 51 – 'Enough stock'**

**For all categories, if available quantity is 0, show 'Out of**

**stock'.**

**(60 ROWS)[NOTE : TABLES TO BE USED – product, product\_class].**

Table detail

1)PRODUCT\_class

*PRODUCT\_CLASS\_CODE  
PRODUCT\_CLASS\_DESC*

2)PRODUCT

PRODUCT\_ID

PRODUCT\_DESC

PRODUCT\_CLASS\_CODE

PRODUCT\_PRICE

PRODUCT\_QUANTITY\_AVAIL

LEN

WIDTH

HEIGHT

WEIGHT

3)Order\_item

ORDER\_ID

PRODUCT\_ID

PRODUCT\_QUANTITY

4)Order\_head

ORDER\_ID

CUSTOMER\_ID

ORDER\_DATE

ORDER\_STATUS

PAYMENT\_MODE

PAYMENT\_DATE

ORDER\_SHIPMENT\_DATE

SHIPPER\_ID

5)online\_customer

CUSTOMER\_ID

CUSTOMER\_FNAME

CUSTOMER\_LNAME

CUSTOMER\_EMAIL

CUSTOMER\_PHONE

ADDRESS\_ID

CUSTOMER\_CREATION\_DATE

CUSTOMER\_USERNAME

CUSTOMER\_GENDER

6)address

ADDRESS\_ID

ADDRESS\_LINE1

ADDRESS\_LINE2

CITY

STATE

PINCODE

COUNTRY