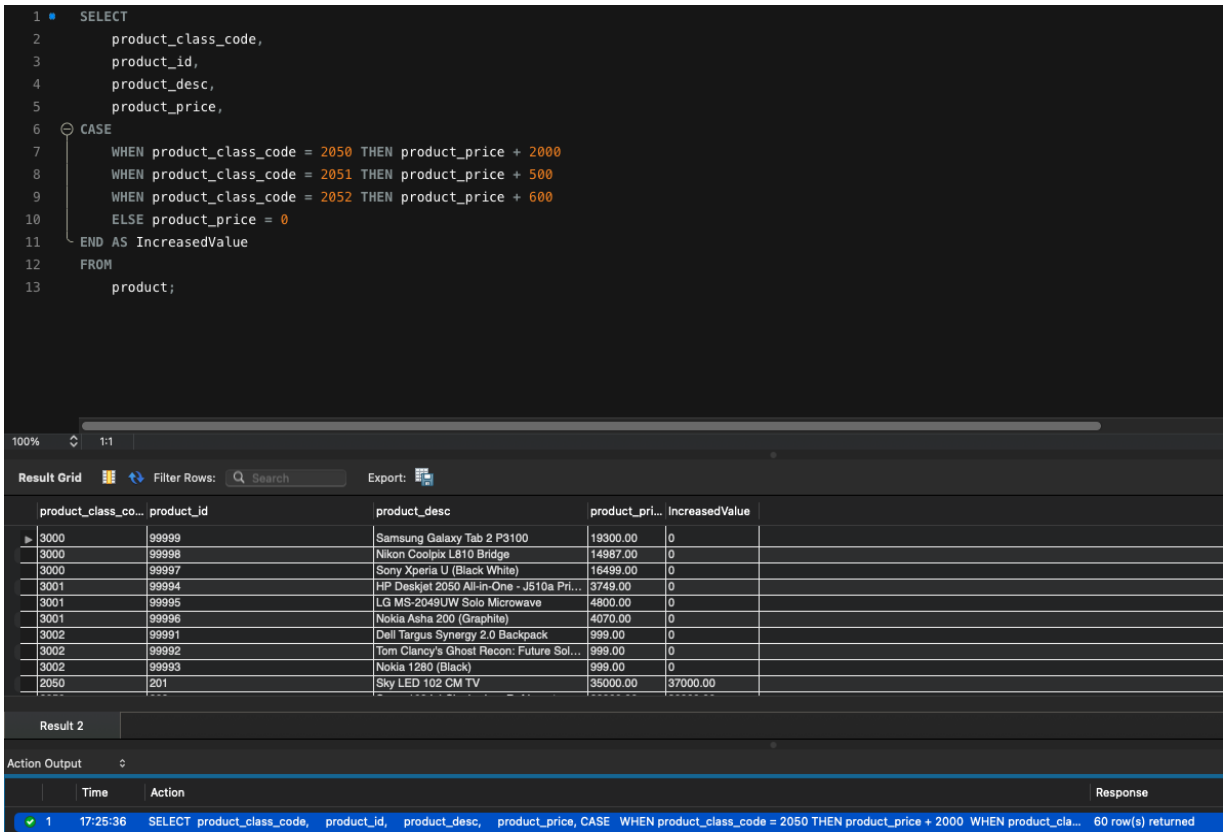
1. Write a query to Display the product details (product_class_code, product_id, product_desc, product_price,) as per the following criteria and sort them in descending order of category: a. If the category is 2050, increase the price by 2000 b. If the category is 2051, increase the price by 500 c. If the category is 2052, increase the price by 600. Hint: Use case statement. no permanent change in table required. (60 ROWS) [NOTE: PRODUCT TABLE]



```
SELECT
    product_class_code,
    product_id,
    product_desc,
    product_price,
CASE
    WHEN product_class_code = 2050 THEN product_price + 2000
    WHEN product_class_code = 2051 THEN product_price + 500
    WHEN product_class_code = 2052 THEN product_price + 600
    ELSE product_price = 0
END AS IncreasedValue
FROM
    product;
```

100% 1:1

Result Grid Filter Rows: Search Export:

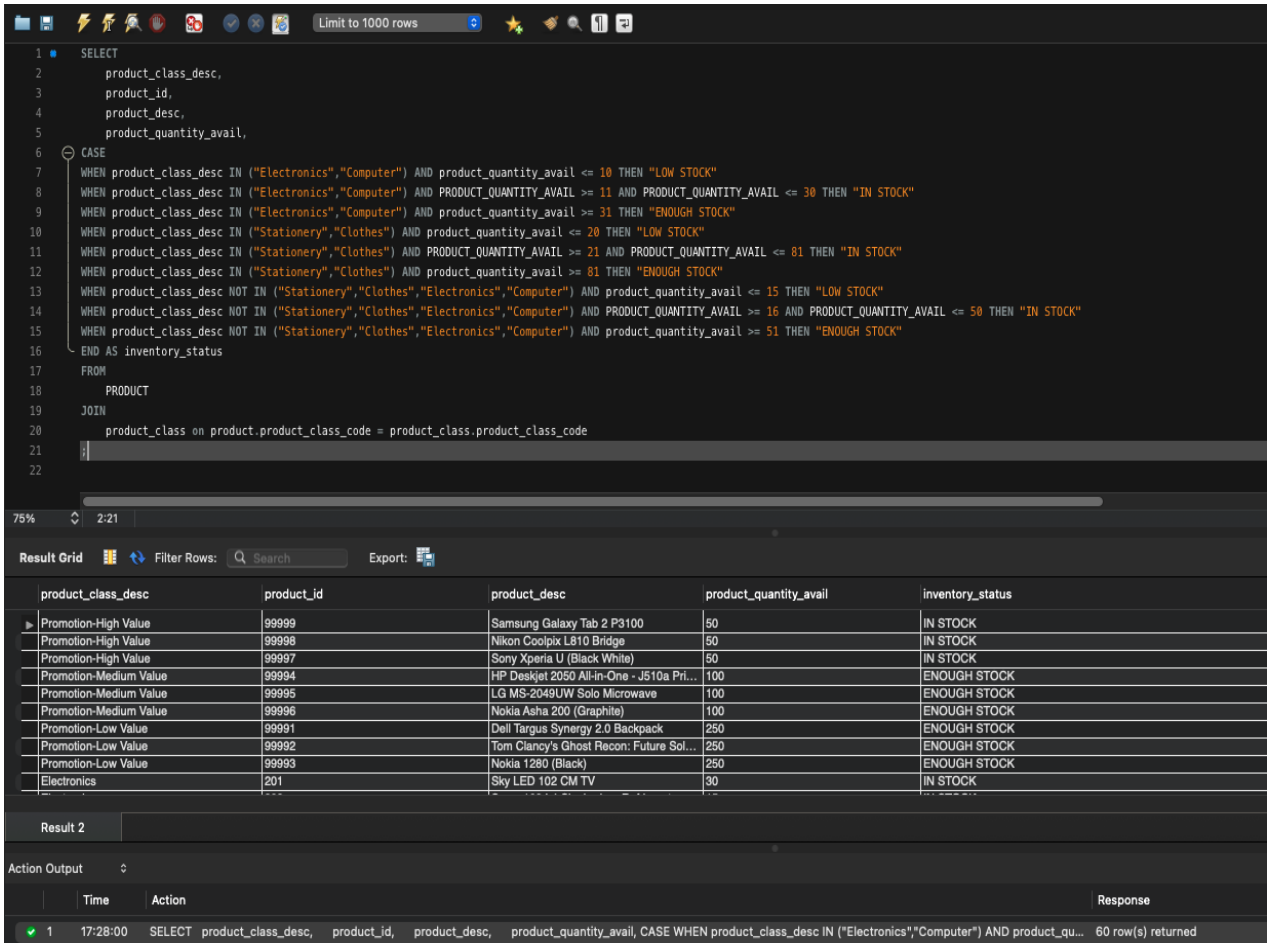
product_class_co...	product_id	product_desc	product_pri...	IncreasedValue
3000	99999	Samsung Galaxy Tab 2 P3100	19300.00	0
3000	99998	Nikon Coolpix L810 Bridge	14987.00	0
3000	99997	Sony Xperia U (Black White)	16499.00	0
3001	99994	HP Deskjet 2050 All-in-One - J510a Pri...	3749.00	0
3001	99995	LG MS-2049UW Solo Microwave	4800.00	0
3001	99996	Nokia Asha 200 (Graphite)	4070.00	0
3002	99991	Dell Targus Synergy 2.0 Backpack	999.00	0
3002	99992	Tom Clancy's Ghost Recon: Future Sol...	999.00	0
3002	99993	Nokia 1280 (Black)	999.00	0
2050	201	Sky LED 102 CM TV	35000.00	37000.00

Result 2

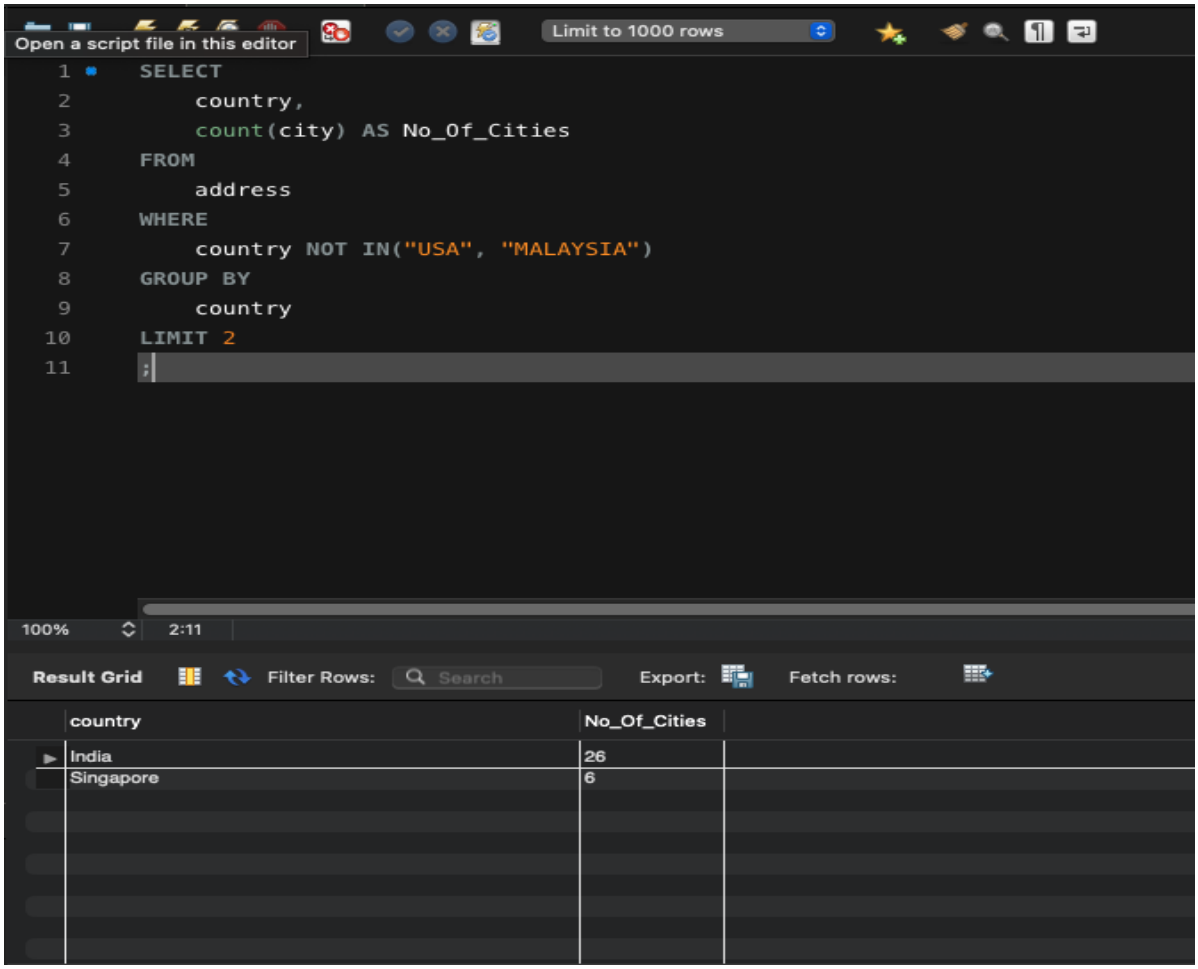
Action Output

	Time	Action	Response
1	17:25:36	SELECT product_class_code, product_id, product_desc, product_price, CASE WHEN product_class_code = 2050 THEN product_price + 2000 WHEN product_cla...	60 row(s) returned

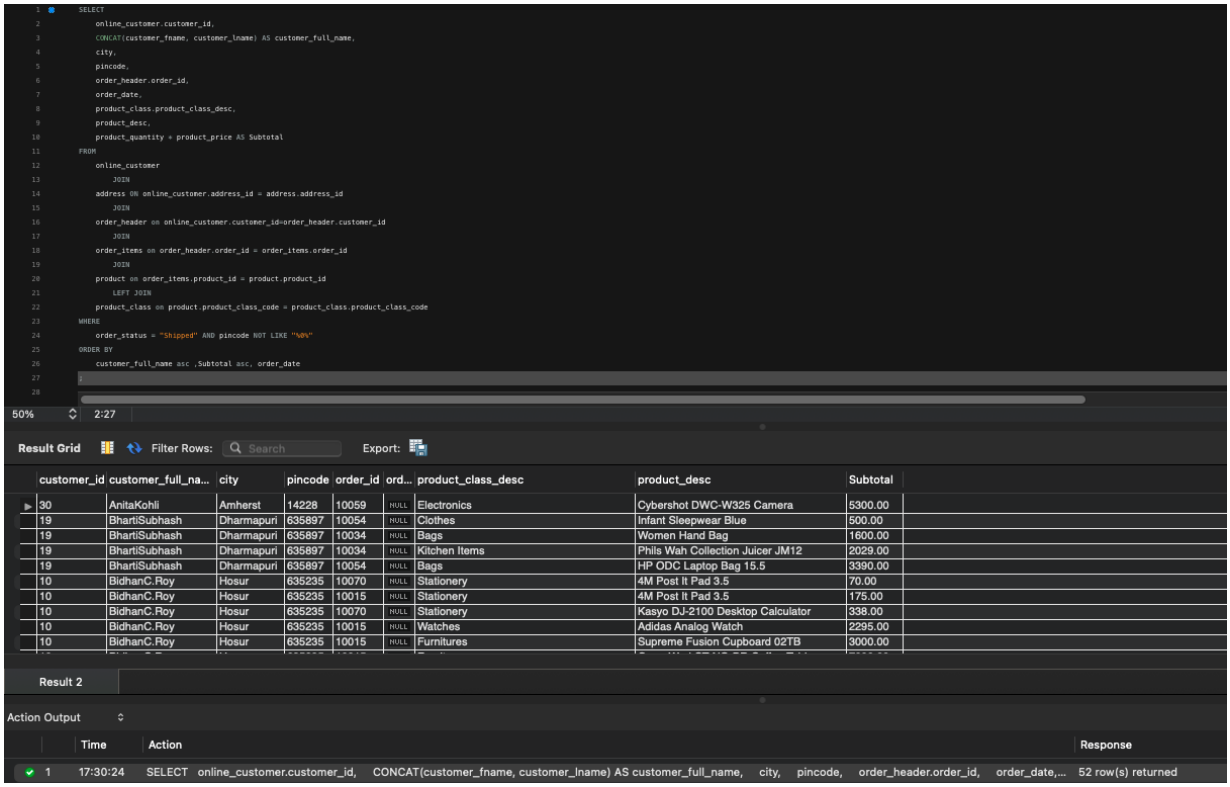
2. Write a query to display (product_class_desc, product_id, product_desc, product_quantity_avail) and Show inventory status of products as below as per their available quantity: a. For Electronics and Computer categories, if available quantity is <= 10, show 'Low stock', 11 <= qty <= 30, show 'In stock', >= 31, show 'Enough stock' b. For Stationery and Clothes categories, if qty <= 20, show 'Low stock', 21 <= qty <= 80, show 'In stock', >= 81, show 'Enough stock' c. 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'. Hint: Use case statement. (60 ROWS) [NOTE: TABLES TO BE USED – product, product_class]



3. Write a query to Show the count of cities in all countries other than USA & MALAYSIA, with more than 1 city, in the descending order of CITIES. (2 rows) [NOTE: ADDRESS TABLE, Do not use Distinct]



4. Write a query to display the customer_id,customer full name ,city,pincode,and order details (order id, 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 and subtotal. (52 ROWS) [NOTE: TABLE TO BE USED - online_customer, address, order_header, order_items, product, product_class]



```
SELECT
    online_customer.customer_id,
    CONCAT(customer_fname, customer_lname) AS customer_full_name,
    city,
    pincode,
    order_header.order_id,
    order_date,
    product_class.product_class_desc,
    product_desc,
    product_quantity * product_price AS Subtotal
FROM
    online_customer
        JOIN
    address ON online_customer.address_id = address.address_id
        JOIN
    order_header on online_customer.customer_id=order_header.customer_id
        JOIN
    order_items on order_header.order_id = order_items.order_id
        JOIN
    product on order_items.product_id = product.product_id
        LEFT JOIN
    product_class on product.product_class_code = product_class.product_class_code
WHERE
    order_status = "Shipped" AND pincode NOT LIKE "%0%"
ORDER BY
    customer_full_name asc ,Subtotal asc, order_date
;
```

50% 2:27

Result Grid | Filter Rows: Search | Export:

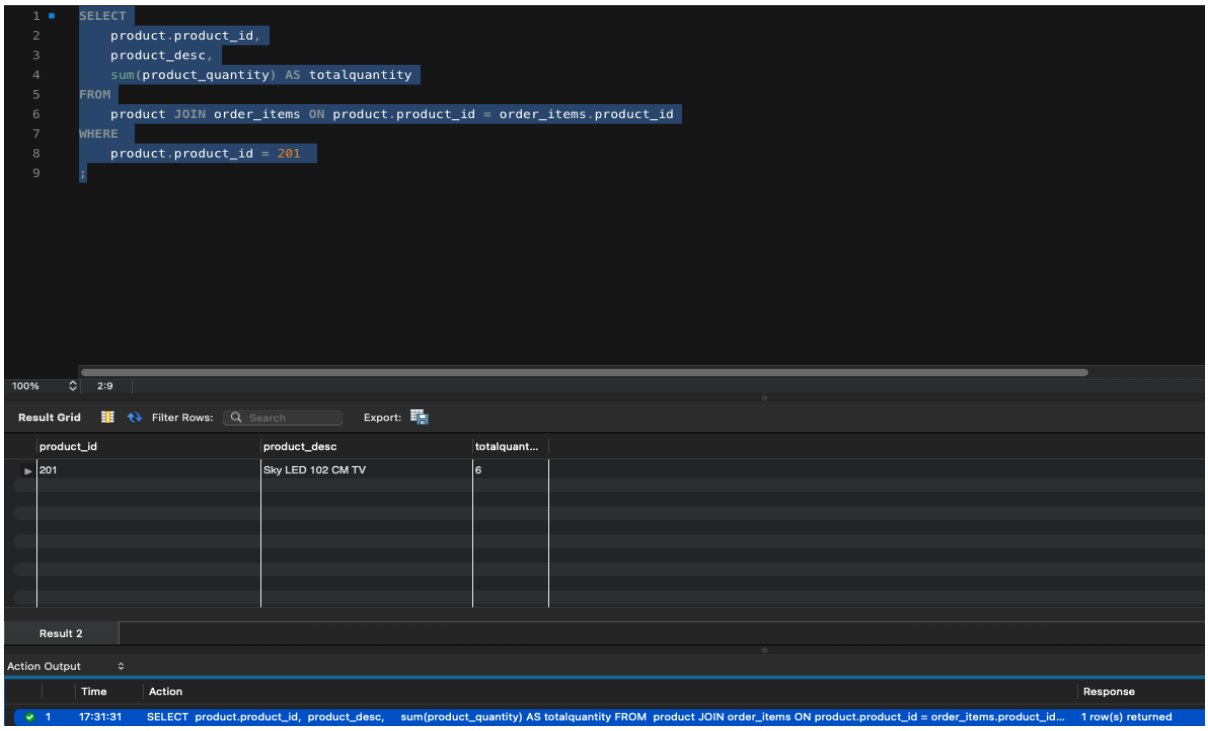
customer_id	customer_full_na...	city	pincode	order_id	ord...	product_class_desc	product_desc	Subtotal
30	AnitaKohli	Amherst	14228	10059	NULL	Electronics	Cybershot DWC-W325 Camera	5300.00
19	BhartiSubhash	Dharmapuri	635897	10054	NULL	Clothes	Infant Sleepwear Blue	500.00
19	BhartiSubhash	Dharmapuri	635897	10034	NULL	Bags	Women Hand Bag	1600.00
19	BhartiSubhash	Dharmapuri	635897	10034	NULL	Kitchen Items	Phils Wah Collection Juicer JM12	2029.00
19	BhartiSubhash	Dharmapuri	635897	10054	NULL	Bags	HP ODC Laptop Bag 15.5	3390.00
10	BidhanC.Roy	Hosur	635235	10070	NULL	Stationery	4M Post It Pad 3.5	70.00
10	BidhanC.Roy	Hosur	635235	10015	NULL	Stationery	4M Post It Pad 3.5	175.00
10	BidhanC.Roy	Hosur	635235	10070	NULL	Stationery	Kasyo DJ-2100 Desktop Calculator	338.00
10	BidhanC.Roy	Hosur	635235	10015	NULL	Watches	Adidas Analog Watch	2295.00
10	BidhanC.Roy	Hosur	635235	10015	NULL	Furnitures	Supreme Fusion Cupboard 02TB	3000.00

Result 2

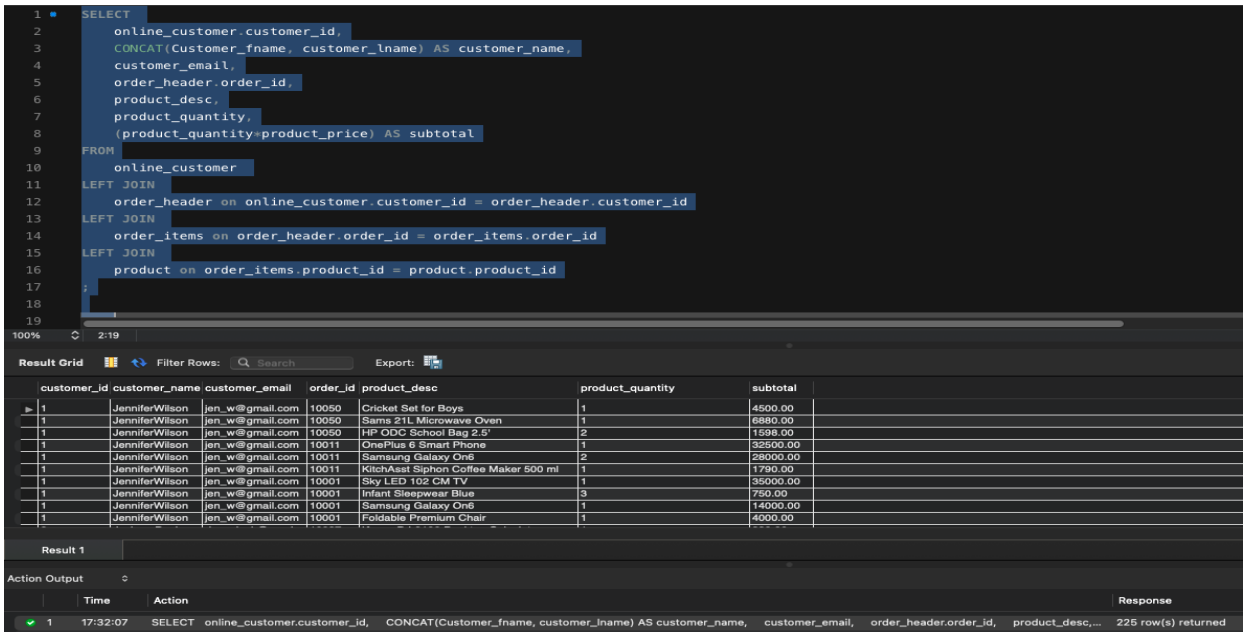
Action Output

	Time	Action	Response
1	17:30:24	SELECT online_customer.customer_id, CONCAT(customer_fname, customer_lname) AS customer_full_name, city, pincode, order_header.order_id, order_date,...	52 row(s) returned

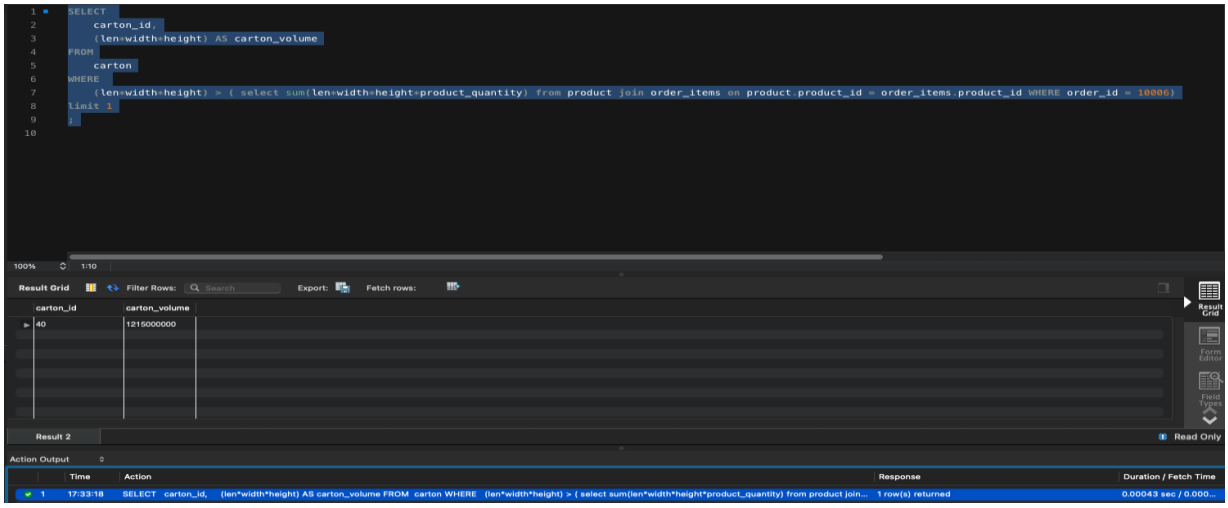
5. Write a Query to display product id,product description,totalquantity(sum(product quantity) for an item which has been bought maximum no. of times (Quantity Wise) along with product id 201. (USE SUB-QUERY) (1 ROW) [NOTE: ORDER_ITEMS TABLE, PRODUCT TABLE]



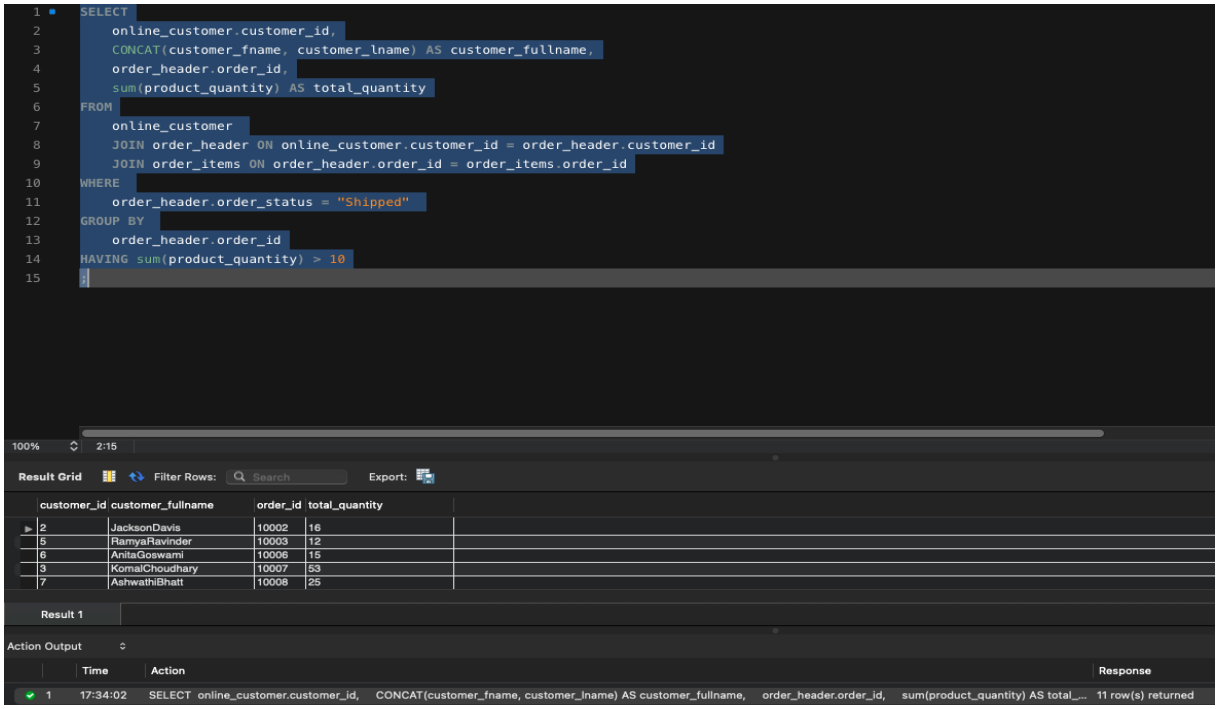
6. Write a query to display the customer_id,customer name, email and order details (order id, product desc,product qty, subtotal(product_quantity * product_price)) for all customers even if they have not ordered any item.(225 ROWS) [NOTE: TABLE TO BE USED - online_customer, order_header, order_items, product]



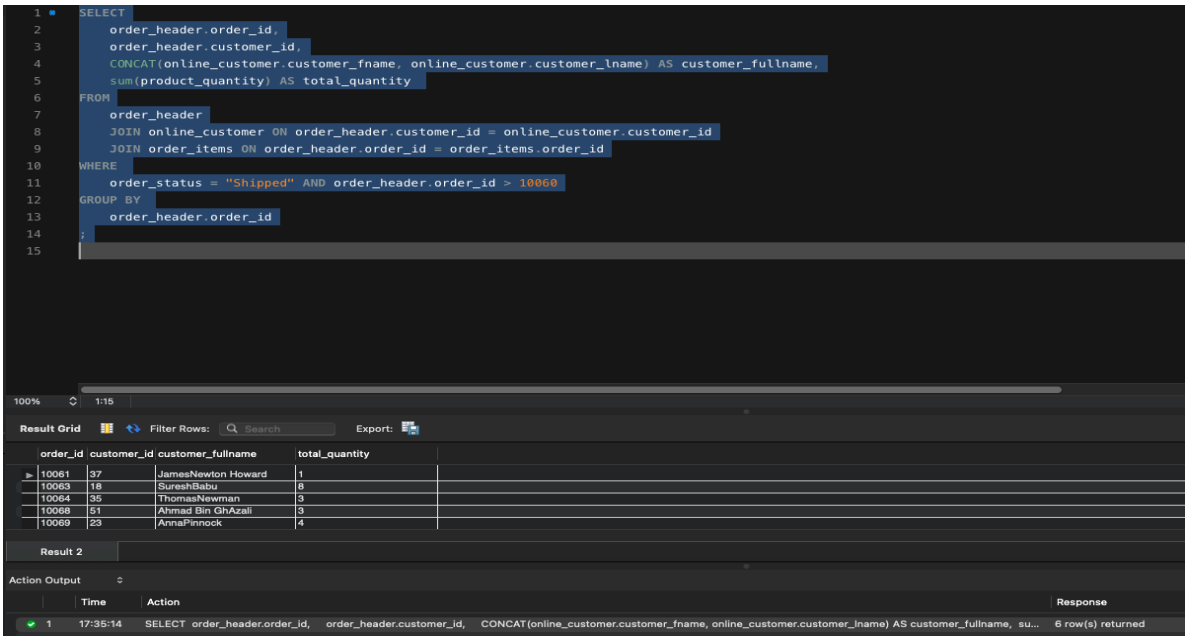
7. Write a query to display carton id, (len*width*height) as carton_vol and identify the optimum carton (carton with the least volume whose volume is greater than the total volume of all items (len * width * height * product_quantity)) for a given order whose order id is 10006, Assume all items of an order are packed into one single carton (box). (1 ROW) [NOTE: CARTON TABLE]



8. 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 shipped order. (11 ROWS) [NOTE: TABLES TO BE USED - online_customer, order_header, order_items,]



9. Write a query to display the order_id, customer id and customer full name of customers along with (product_quantity) as total quantity of products shipped for order ids > 10060. (6 ROWS) [NOTE: TABLES TO BE USED - online_customer, order_header, order_items]



10. Write a query to display product class description ,total quantity (sum(product_quantity),Total value (product_quantity * product price) and show which class of products have been shipped highest(Quantity) to countries outside India other than USA? Also show the total value of those items. (1 ROWS)[NOTE:PRODUCT TABLE,ADDRESS TABLE,ONLINE_CUSTOMER TABLE,ORDER_HEADER TABLE,ORDER_ITEMS TABLE,PRODUCT_CLASS TABLE]