***/\****

***Q1. 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 prd.PRODUCT\_CLASS\_CODE, prd.PRODUCT\_ID, PRODUCT\_DESC, PRODUCT\_PRICE as original\_price,

case prd.PRODUCT\_CLASS\_CODE

when 2050 then PRODUCT\_PRICE + 2000

when 2051 then PRODUCT\_PRICE + 500

when 2052 then PRODUCT\_PRICE + 600

else 'Same as original'

end as modified\_price

from PRODUCT prd

left outer join PRODUCT\_CLASS prd\_cls

on prd.PRODUCT\_CLASS\_CODE = prd\_cls.PRODUCT\_CLASS\_CODE

order by prd.PRODUCT\_CLASS\_CODE desc

**Output:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **PRODUCT\_CLASS\_CODE** | **PRODUCT\_ID** | **PRODUCT\_DESC** | **original\_price** | **modified\_price** |
| 3002 | 99991 | Dell Targus Synergy 2.0 Backpack | 999 | Same as original |
| 3002 | 99992 | Tom Clancy's Ghost Recon: Future Soldier (PC Game) | 999 | Same as original |
| 3002 | 99993 | Nokia 1280 (Black) | 999 | Same as original |
| 3001 | 99994 | HP Deskjet 2050 All-in-One - J510a Printer | 3749 | Same as original |
| 3001 | 99995 | LG MS-2049UW Solo Microwave | 4800 | Same as original |
| 3001 | 99996 | Nokia Asha 200 (Graphite) | 4070 | Same as original |
| 3000 | 99999 | Samsung Galaxy Tab 2 P3100 | 19300 | Same as original |
| 3000 | 99998 | Nikon Coolpix L810 Bridge | 14987 | Same as original |
| 3000 | 99997 | Sony Xperia U (Black White) | 16499 | Same as original |
| 3000 | 99990 | Quanta 4 Port USB Hub | 500 | Same as original |
| 2060 | 222 | KitchAsst Siphon Coffee Maker 500 ml | 1790 | Same as original |
| 2060 | 223 | Sams 21L Microwave Oven | 6880 | Same as original |
| 2060 | 224 | Phils HL 7430 Mixer Grinder 750W | 2265 | Same as original |
| 2060 | 225 | Solmo Non-stick Sandwich Maker 750 W | 1625 | Same as original |
| 2060 | 226 | Solmo Hand Blender Fibre | 1415 | Same as original |
| 2060 | 227 | Phils Wah Collection Juicer JM12 | 2029 | Same as original |
| 2059 | 220 | Hello Kitti Lunch Bag | 199 | Same as original |
| 2059 | 231 | HP ODC Laptop Bag 15.5 | 3390 | Same as original |
| 2059 | 232 | Women Hand Bag | 1600 | Same as original |
| 2059 | 233 | HP ODC School Bag 2.5' | 799 | Same as original |
| 2059 | 234 | FLUFF Tote Travel Bag 35LTR | 3290 | Same as original |
| 2058 | 242 | GreenWud CT-NO-PR Coffee Table | 3500 | Same as original |
| 2058 | 243 | Supreme Fusion Cupboard 02TB | 3000 | Same as original |
| 2058 | 244 | Foldable Premium Chair | 4000 | Same as original |
| 2058 | 245 | GreenWud Nova Pedestal Unit | 2500 | Same as original |
| 2057 | 217 | Titan Karishma Watch | 3497 | Same as original |
| 2057 | 228 | Adidas Analog Watch | 2295 | Same as original |
| 2057 | 229 | Disney Analog Watch | 1600 | Same as original |
| 2057 | 230 | Esprit Analog Watch | 3495 | Same as original |
| 2056 | 218 | Shell Fingertip Ball Pen | 25 | Same as original |
| 2056 | 236 | Solo Exam SB-01 Writing Pad | 350 | Same as original |
| 2056 | 238 | Kasyo DJ-2100 Desktop Calculator | 338 | Same as original |
| 2056 | 239 | TRANS 2D A4 Size Box File | 120 | Same as original |
| 2056 | 240 | 4M Post It Pad 3.5 | 35 | Same as original |
| 2056 | 235 | Cindy HMPOC Pencil Box (Multicolor) | 80 | Same as original |
| 2056 | 237 | Zamark Color Pencil Art Set | 100 | Same as original |
| 2056 | 241 | PK Copier A4 75 GSM White Paper Ream | 285 | Same as original |
| 2055 | 211 | OnePlus 6 Smart Phone | 32500 | Same as original |
| 2055 | 212 | Samsung Galaxy On6 | 14000 | Same as original |
| 2054 | 213 | Alchemist | 150 | Same as original |
| 2054 | 214 | Harry Potter | 250 | Same as original |
| 2054 | 246 | Exam Warriors | 100 | Same as original |
| 2054 | 247 | Small Is Beautiful | 140 | Same as original |
| 2054 | 248 | To Kill a Mocking Bird | 210 | Same as original |
| 2053 | 215 | Logtech M244 Optical Mouse | 450 | Same as original |
| 2053 | 216 | External Hard Disk 500 GB | 3500 | Same as original |
| 2053 | 250 | Huwi Wi-Fi Receiver 500Mbps | 287 | Same as original |
| 2052 | 205 | Infant Sleepwear Blue | 250 | 850 |
| 2052 | 209 | Blue Jeans 34 | 800 | 1400 |
| 2052 | 210 | Blossoms Lehenga Choli set | 3000 | 3600 |
| 2052 | 219 | Ruf-n-Tuf Black PU Leather Belt | 350 | 950 |
| 2051 | 204 | Cricket Set for Boys | 4500 | 5000 |
| 2051 | 206 | Barbie Fab Gown Doll | 1000 | 1500 |
| 2051 | 207 | Remote Control Car | 2900 | 3400 |
| 2051 | 208 | Doll House | 3000 | 3500 |
| 2051 | 249 | All-in-one Board Game | 450 | 950 |
| 2050 | 201 | Sky LED 102 CM TV | 35000 | 37000 |
| 2050 | 202 | Sams 192 L4 Single-door Refrigerator | 28000 | 30000 |
| 2050 | 203 | Jocky Speaker Music System HT32 | 8900 | 10900 |
| 2050 | 221 | Cybershot DWC-W325 Camera | 5300 | 7300 |

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***Q2. 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]\*/***

select PRODUCT\_CLASS\_DESC, prd.PRODUCT\_ID, PRODUCT\_DESC, PRODUCT\_QUANTITY\_AVAIL,

case

when PRODUCT\_CLASS\_DESC in ('Electronics','Computer') and PRODUCT\_QUANTITY\_AVAIL <= 10 then 'Low stock'

when PRODUCT\_CLASS\_DESC in ('Electronics','Computer') and PRODUCT\_QUANTITY\_AVAIL between 11 and 30 then 'In stock'

when PRODUCT\_CLASS\_DESC in ('Electronics','Computer') and PRODUCT\_QUANTITY\_AVAIL >= 31 then 'Enough stock'

when PRODUCT\_CLASS\_DESC in ('Electronics','Computer') and PRODUCT\_QUANTITY\_AVAIL = 0 then 'Out of stock'

when PRODUCT\_CLASS\_DESC in ('Clothes','Stationery') and PRODUCT\_QUANTITY\_AVAIL <= 20 then 'Low stock'

when PRODUCT\_CLASS\_DESC in ('Clothes','Stationery') and PRODUCT\_QUANTITY\_AVAIL between 21 and 80 then 'In stock'

when PRODUCT\_CLASS\_DESC in ('Clothes','Stationery') and PRODUCT\_QUANTITY\_AVAIL >= 81 then 'Enough stock'

when PRODUCT\_CLASS\_DESC in ('Clothes','Stationery') and PRODUCT\_QUANTITY\_AVAIL = 0 then 'Out of stock'

when PRODUCT\_CLASS\_DESC not in ('Clothes','Stationery','Electronics','Computer') and PRODUCT\_QUANTITY\_AVAIL <= 15 then 'Low stock'

when PRODUCT\_CLASS\_DESC not in ('Clothes','Stationery','Electronics','Computer') and PRODUCT\_QUANTITY\_AVAIL BETWEEN 16 and 50 then 'In stock'

when PRODUCT\_CLASS\_DESC not in ('Clothes','Stationery','Electronics','Computer') and PRODUCT\_QUANTITY\_AVAIL >= 51 then 'Enough stock'

when PRODUCT\_CLASS\_DESC not in ('Clothes','Stationery','Electronics','Computer') and PRODUCT\_QUANTITY\_AVAIL = 0 then 'Out of stock'

end as Inventory\_Status

from PRODUCT prd

left outer join PRODUCT\_CLASS prd\_cls

on prd.PRODUCT\_CLASS\_CODE = prd\_cls.PRODUCT\_CLASS\_CODE

order by 1

**Output:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **PRODUCT\_CLASS\_DESC** | **PRODUCT\_ID** | **PRODUCT\_DESC** | **PRODUCT\_QUANTITY\_AVAIL** | **Inventory\_Status** |
| Bags | 220 | Hello Kitti Lunch Bag | 15 | Low stock |
| Bags | 231 | HP ODC Laptop Bag 15.5 | 10 | Low stock |
| Bags | 232 | Women Hand Bag | 15 | Low stock |
| Bags | 233 | HP ODC School Bag 2.5' | 35 | In stock |
| Bags | 234 | FLUFF Tote Travel Bag 35LTR | 8 | Low stock |
| Books | 213 | Alchemist | 50 | In stock |
| Books | 214 | Harry Potter | 50 | In stock |
| Books | 246 | Exam Warriors | 50 | In stock |
| Books | 247 | Small Is Beautiful | 40 | In stock |
| Books | 248 | To Kill a Mocking Bird | 35 | In stock |
| Clothes | 205 | Infant Sleepwear Blue | 50 | In stock |
| Clothes | 209 | Blue Jeans 34 | 100 | Enough stock |
| Clothes | 210 | Blossoms Lehenga Choli set | 100 | Enough stock |
| Clothes | 219 | Ruf-n-Tuf Black PU Leather Belt | 50 | In stock |
| Computer | 215 | Logtech M244 Optical Mouse | 10 | Low stock |
| Computer | 216 | External Hard Disk 500 GB | 10 | Low stock |
| Computer | 250 | Huwi Wi-Fi Receiver 500Mbps | 30 | In stock |
| Electronics | 201 | Sky LED 102 CM TV | 30 | In stock |
| Electronics | 202 | Sams 192 L4 Single-door Refrigerator | 15 | In stock |
| Electronics | 203 | Jocky Speaker Music System HT32 | 19 | In stock |
| Electronics | 221 | Cybershot DWC-W325 Camera | 5 | Low stock |
| Furnitures | 242 | GreenWud CT-NO-PR Coffee Table | 6 | Low stock |
| Furnitures | 243 | Supreme Fusion Cupboard 02TB | 3 | Low stock |
| Furnitures | 244 | Foldable Premium Chair | 6 | Low stock |
| Furnitures | 245 | GreenWud Nova Pedestal Unit | 5 | Low stock |
| Kitchen Items | 222 | KitchAsst Siphon Coffee Maker 500 ml | 10 | Low stock |
| Kitchen Items | 223 | Sams 21L Microwave Oven | 5 | Low stock |
| Kitchen Items | 224 | Phils HL 7430 Mixer Grinder 750W | 3 | Low stock |
| Kitchen Items | 225 | Solmo Non-stick Sandwich Maker 750 W | 10 | Low stock |
| Kitchen Items | 226 | Solmo Hand Blender Fibre | 12 | Low stock |
| Kitchen Items | 227 | Phils Wah Collection Juicer JM12 | 2 | Low stock |
| Mobiles | 211 | OnePlus 6 Smart Phone | 25 | In stock |
| Mobiles | 212 | Samsung Galaxy On6 | 20 | In stock |
| Promotion-High Value | 99999 | Samsung Galaxy Tab 2 P3100 | 50 | In stock |
| Promotion-High Value | 99998 | Nikon Coolpix L810 Bridge | 50 | In stock |
| Promotion-High Value | 99997 | Sony Xperia U (Black White) | 50 | In stock |
| Promotion-High Value | 99990 | Quanta 4 Port USB Hub | 50 | In stock |
| Promotion-Low Value | 99991 | Dell Targus Synergy 2.0 Backpack | 250 | Enough stock |
| Promotion-Low Value | 99992 | Tom Clancy's Ghost Recon: Future Soldier (PC Game) | 250 | Enough stock |
| Promotion-Low Value | 99993 | Nokia 1280 (Black) | 250 | Enough stock |
| Promotion-Medium Value | 99994 | HP Deskjet 2050 All-in-One - J510a Printer | 100 | Enough stock |
| Promotion-Medium Value | 99995 | LG MS-2049UW Solo Microwave | 100 | Enough stock |
| Promotion-Medium Value | 99996 | Nokia Asha 200 (Graphite) | 100 | Enough stock |
| Stationery | 218 | Shell Fingertip Ball Pen | 150 | Enough stock |
| Stationery | 236 | Solo Exam SB-01 Writing Pad | 30 | In stock |
| Stationery | 238 | Kasyo DJ-2100 Desktop Calculator | 10 | Low stock |
| Stationery | 239 | TRANS 2D A4 Size Box File | 6 | Low stock |
| Stationery | 240 | 4M Post It Pad 3.5 | 8 | Low stock |
| Stationery | 235 | Cindy HMPOC Pencil Box (Multicolor) | 10 | Low stock |
| Stationery | 237 | Zamark Color Pencil Art Set | 10 | Low stock |
| Stationery | 241 | PK Copier A4 75 GSM White Paper Ream | 2 | Low stock |
| Toys | 204 | Cricket Set for Boys | 10 | Low stock |
| Toys | 206 | Barbie Fab Gown Doll | 20 | In stock |
| Toys | 207 | Remote Control Car | 29 | In stock |
| Toys | 208 | Doll House | 12 | Low stock |
| Toys | 249 | All-in-one Board Game | 20 | In stock |
| Watches | 217 | Titan Karishma Watch | 35 | In stock |
| Watches | 228 | Adidas Analog Watch | 10 | Low stock |
| Watches | 229 | Disney Analog Watch | 10 | Low stock |
| Watches | 230 | Esprit Analog Watch | 5 | Low stock |

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***Q3. 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]\*/***

select country, count(city)

from (select country, city, max(counter)

from (select country, city, 1 as counter

from ADDRESS

where country not in ('USA', 'Malaysia'))

group by country, city)

group by country having count(city) > 1

**Output:**

|  |  |
| --- | --- |
| **country** | **count(city)** |
| India | 11 |
| Singapore | 2 |

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***Q4. 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 cust.CUSTOMER\_ID, CUSTOMER\_FNAME||' '||CUSTOMER\_LNAME as CUSTOMER\_FULLNAME,CITY, PINCODE, ordr\_itms.ORDER\_ID, PRODUCT\_CLASS\_DESC, PRODUCT\_DESC, sum(PRODUCT\_QUANTITY\*PRODUCT\_PRICE) as SUBTOTAL

from ONLINE\_CUSTOMER cust

left OUTER JOIN ADDRESS addr

on cust.ADDRESS\_ID = addr.ADDRESS\_ID

left outer join ORDER\_HEADER ordr\_hdr

on cust.CUSTOMER\_ID = ordr\_hdr.CUSTOMER\_ID

left outer join ORDER\_ITEMS ordr\_itms

on ordr\_hdr.ORDER\_ID = ordr\_itms.ORDER\_ID

left outer join PRODUCT prod

on prod.PRODUCT\_ID = ordr\_itms.PRODUCT\_ID

left outer join PRODUCT\_CLASS prod\_cls

on prod.PRODUCT\_CLASS\_CODE = prod\_cls.PRODUCT\_CLASS\_CODE

where ordr\_hdr.ORDER\_STATUS = 'Shipped'

and PINCODE not like '%0%'

group by cust.CUSTOMER\_ID, CUSTOMER\_FNAME||' '||CUSTOMER\_LNAME,CITY, PINCODE, ordr\_itms.ORDER\_ID, PRODUCT\_CLASS\_DESC, PRODUCT\_DESC

order by 2, 8

**Output:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **CUSTOMER\_ID** | **CUSTOMER\_FULLNAME** | **CITY** | **PINCODE** | **ORDER\_ID** | **PRODUCT\_CLASS\_DESC** | **PRODUCT\_DESC** | **SUBTOTAL** |
| 30 | Anita Kohli | Amherst | 14228 | 10059 | Electronics | Cybershot DWC-W325 Camera | 5300 |
| 19 | Bharti Subhash | Dharmapuri | 635897 | 10054 | Clothes | Infant Sleepwear Blue | 500 |
| 19 | Bharti Subhash | Dharmapuri | 635897 | 10034 | Bags | Women Hand Bag | 1600 |
| 19 | Bharti Subhash | Dharmapuri | 635897 | 10034 | Kitchen Items | Phils Wah Collection Juicer JM12 | 2029 |
| 19 | Bharti Subhash | Dharmapuri | 635897 | 10054 | Bags | HP ODC Laptop Bag 15.5 | 3390 |
| 10 | Bidhan C.Roy | Hosur | 635235 | 10070 | Stationery | 4M Post It Pad 3.5 | 70 |
| 10 | Bidhan C.Roy | Hosur | 635235 | 10015 | Stationery | 4M Post It Pad 3.5 | 175 |
| 10 | Bidhan C.Roy | Hosur | 635235 | 10070 | Stationery | Kasyo DJ-2100 Desktop Calculator | 338 |
| 10 | Bidhan C.Roy | Hosur | 635235 | 10015 | Watches | Adidas Analog Watch | 2295 |
| 10 | Bidhan C.Roy | Hosur | 635235 | 10015 | Furnitures | Supreme Fusion Cupboard 02TB | 3000 |
| 10 | Bidhan C.Roy | Hosur | 635235 | 10015 | Furnitures | GreenWud CT-NO-PR Coffee Table | 7000 |
| 10 | Bidhan C.Roy | Hosur | 635235 | 10015 | Furnitures | Foldable Premium Chair | 16000 |
| 24 | Brian Grazer | Abington | 2351 | 10036 | Stationery | Cindy HMPOC Pencil Box (Multicolor) | 160 |
| 24 | Brian Grazer | Abington | 2351 | 10036 | Stationery | Solo Exam SB-01 Writing Pad | 350 |
| 24 | Brian Grazer | Abington | 2351 | 10047 | Computer | Logtech M244 Optical Mouse | 450 |
| 24 | Brian Grazer | Abington | 2351 | 10035 | Kitchen Items | KitchAsst Siphon Coffee Maker 500 ml | 1790 |
| 24 | Brian Grazer | Abington | 2351 | 10035 | Furnitures | Supreme Fusion Cupboard 02TB | 3000 |
| 24 | Brian Grazer | Abington | 2351 | 10036 | Computer | External Hard Disk 500 GB | 3500 |
| 24 | Brian Grazer | Abington | 2351 | 10035 | Furnitures | GreenWud CT-NO-PR Coffee Table | 7000 |
| 24 | Brian Grazer | Abington | 2351 | 10047 | Electronics | Jocky Speaker Music System HT32 | 8900 |
| 25 | Bruno Delbonnel | Avon | 2322 | 10029 | Books | Exam Warriors | 100 |
| 25 | Bruno Delbonnel | Avon | 2322 | 10055 | Bags | Hello Kitti Lunch Bag | 199 |
| 25 | Bruno Delbonnel | Avon | 2322 | 10021 | Stationery | Cindy HMPOC Pencil Box (Multicolor) | 400 |
| 25 | Bruno Delbonnel | Avon | 2322 | 10055 | Bags | HP ODC School Bag 2.5' | 799 |
| 25 | Bruno Delbonnel | Avon | 2322 | 10021 | Kitchen Items | Phils Wah Collection Juicer JM12 | 2029 |
| 25 | Bruno Delbonnel | Avon | 2322 | 10021 | Bags | HP ODC Laptop Bag 15.5 | 3390 |
| 25 | Bruno Delbonnel | Avon | 2322 | 10029 | Toys | Cricket Set for Boys | 4500 |
| 25 | Bruno Delbonnel | Avon | 2322 | 10021 | Mobiles | Samsung Galaxy On6 | 14000 |
| 32 | Hans Zimmer | Milford | 6776 | 10024 | Computer | External Hard Disk 500 GB | 3500 |
| 32 | Hans Zimmer | Milford | 6776 | 10024 | Electronics | Sky LED 102 CM TV | 35000 |
| 37 | James Newton Howard | Birmingham | 35235 | 10061 | Computer | Logtech M244 Optical Mouse | 450 |
| 33 | Niseema Zimmer | Milford | 6776 | 10048 | Toys | Remote Control Car | 2900 |
| 40 | Paul Haggis | Hornell | 14843 | 10053 | Kitchen Items | Sams 21L Microwave Oven | 6880 |
| 28 | Sayyed Faraj | W. Alibio | 14411 | 10025 | Clothes | Ruf-n-Tuf Black PU Leather Belt | 1050 |
| 28 | Sayyed Faraj | W. Alibio | 14411 | 10033 | Bags | Women Hand Bag | 1600 |
| 28 | Sayyed Faraj | W. Alibio | 14411 | 10033 | Stationery | Solo Exam SB-01 Writing Pad | 1750 |
| 28 | Sayyed Faraj | W. Alibio | 14411 | 10025 | Toys | Barbie Fab Gown Doll | 2000 |
| 18 | Suresh Babu | Hyderabad | 517252 | 10063 | Books | Alchemist | 150 |
| 18 | Suresh Babu | Hyderabad | 517252 | 10063 | Stationery | TRANS 2D A4 Size Box File | 600 |
| 18 | Suresh Babu | Hyderabad | 517252 | 10063 | Bags | Women Hand Bag | 1600 |
| 18 | Suresh Babu | Hyderabad | 517252 | 10063 | Bags | HP ODC Laptop Bag 15.5 | 3390 |
| 35 | Thomas Newman | Norwalk | 6851 | 10064 | Books | Exam Warriors | 100 |
| 35 | Thomas Newman | Norwalk | 6851 | 10064 | Clothes | Blue Jeans 34 | 1600 |
| 11 | Vikas Jha | Hyderabad | 517247 | 10018 | Stationery | Shell Fingertip Ball Pen | 375 |
| 11 | Vikas Jha | Hyderabad | 517247 | 10056 | Clothes | Ruf-n-Tuf Black PU Leather Belt | 700 |
| 11 | Vikas Jha | Hyderabad | 517247 | 10018 | Stationery | Cindy HMPOC Pencil Box (Multicolor) | 1200 |
| 11 | Vikas Jha | Hyderabad | 517247 | 10018 | Kitchen Items | Solmo Hand Blender Fibre | 1415 |
| 11 | Vikas Jha | Hyderabad | 517247 | 10018 | Kitchen Items | Solmo Non-stick Sandwich Maker 750 W | 1625 |
| 11 | Vikas Jha | Hyderabad | 517247 | 10018 | Bags | HP ODC Laptop Bag 15.5 | 3390 |
| 11 | Vikas Jha | Hyderabad | 517247 | 10057 | Toys | Cricket Set for Boys | 4500 |
| 11 | Vikas Jha | Hyderabad | 517247 | 10018 | Kitchen Items | Sams 21L Microwave Oven | 6880 |
| 11 | Vikas Jha | Hyderabad | 517247 | 10018 | Furnitures | Foldable Premium Chair | 24000 |

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***Q5. 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]\*/***

select ordr\_itms.PRODUCT\_ID, PRODUCT\_DESC, sum(PRODUCT\_QUANTITY)

from ORDER\_ITEMS ordr\_itms

left outer join PRODUCT PROD

on ordr\_itms.PRODUCT\_ID = prod.PRODUCT\_ID

where ORDER\_ID in (select ORDER\_ID from ORDER\_ITEMS where PRODUCT\_ID=201)

and ordr\_itms.PRODUCT\_ID<>201

group by ordr\_itms.PRODUCT\_ID , PRODUCT\_DESC

order by 3 desc

limit 1

**Output:**

|  |  |  |
| --- | --- | --- |
| **PRODUCT\_ID** | **PRODUCT\_DESC** | **sum(PRODUCT\_QUANTITY)** |
| 218 | Shell Fingertip Ball Pen | 30 |

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***Q6. 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]\*/***

select cust.CUSTOMER\_ID, CUSTOMER\_FNAME||' '||CUSTOMER\_LNAME as CUSTOMER\_FULLNAME,CUSTOMER\_EMAIL, ordr\_itms.ORDER\_ID, PRODUCT\_DESC, PRODUCT\_QUANTITY, PRODUCT\_QUANTITY\*PRODUCT\_PRICE as SUBTOTAL

from ONLINE\_CUSTOMER cust

left outer join ORDER\_HEADER ordr\_hdr

on cust.CUSTOMER\_ID = ordr\_hdr.CUSTOMER\_ID

left outer join ORDER\_ITEMS ordr\_itms

on ordr\_hdr.ORDER\_ID = ordr\_itms.ORDER\_ID

left outer join PRODUCT prod

on prod.PRODUCT\_ID = ordr\_itms.PRODUCT\_ID

**Output:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CUSTOMER\_ID** | **CUSTOMER\_FULLNAME** | **CUSTOMER\_EMAIL** | **ORDER\_ID** | **PRODUCT\_DESC** | **PRODUCT\_QUANTITY** | **SUBTOTAL** |
| 1 | Jennifer Wilson | [jen\_w@gmail.com](mailto:jen_w@gmail.com) | 10001 | Sky LED 102 CM TV | 1 | 35000 |
| 1 | Jennifer Wilson | [jen\_w@gmail.com](mailto:jen_w@gmail.com) | 10001 | Infant Sleepwear Blue | 3 | 750 |
| 1 | Jennifer Wilson | [jen\_w@gmail.com](mailto:jen_w@gmail.com) | 10001 | Samsung Galaxy On6 | 1 | 14000 |
| 1 | Jennifer Wilson | [jen\_w@gmail.com](mailto:jen_w@gmail.com) | 10001 | Foldable Premium Chair | 1 | 4000 |
| 1 | Jennifer Wilson | [jen\_w@gmail.com](mailto:jen_w@gmail.com) | 10011 | OnePlus 6 Smart Phone | 1 | 32500 |
| 1 | Jennifer Wilson | [jen\_w@gmail.com](mailto:jen_w@gmail.com) | 10011 | Samsung Galaxy On6 | 2 | 28000 |
| 1 | Jennifer Wilson | [jen\_w@gmail.com](mailto:jen_w@gmail.com) | 10011 | KitchAsst Siphon Coffee Maker 500 ml | 1 | 1790 |
| 1 | Jennifer Wilson | [jen\_w@gmail.com](mailto:jen_w@gmail.com) | 10050 | Cricket Set for Boys | 1 | 4500 |
| 1 | Jennifer Wilson | [jen\_w@gmail.com](mailto:jen_w@gmail.com) | 10050 | Sams 21L Microwave Oven | 1 | 6880 |
| 1 | Jennifer Wilson | [jen\_w@gmail.com](mailto:jen_w@gmail.com) | 10050 | HP ODC School Bag 2.5' | 2 | 1598 |
| 2 | Jackson Davis | [dave\_jack@gmail.com](mailto:dave_jack@gmail.com) | 10002 | Barbie Fab Gown Doll | 2 | 2000 |
| 2 | Jackson Davis | [dave\_jack@gmail.com](mailto:dave_jack@gmail.com) | 10002 | Doll House | 2 | 6000 |
| 2 | Jackson Davis | [dave\_jack@gmail.com](mailto:dave_jack@gmail.com) | 10002 | Samsung Galaxy On6 | 1 | 14000 |
| 2 | Jackson Davis | [dave\_jack@gmail.com](mailto:dave_jack@gmail.com) | 10002 | Cindy HMPOC Pencil Box (Multicolor) | 5 | 400 |
| 2 | Jackson Davis | [dave\_jack@gmail.com](mailto:dave_jack@gmail.com) | 10002 | Kasyo DJ-2100 Desktop Calculator | 4 | 1352 |
| 2 | Jackson Davis | [dave\_jack@gmail.com](mailto:dave_jack@gmail.com) | 10002 | PK Copier A4 75 GSM White Paper Ream | 2 | 570 |
| 2 | Jackson Davis | [dave\_jack@gmail.com](mailto:dave_jack@gmail.com) | 10012 | Sky LED 102 CM TV | 1 | 35000 |
| 2 | Jackson Davis | [dave\_jack@gmail.com](mailto:dave_jack@gmail.com) | 10012 | Cricket Set for Boys | 2 | 9000 |
| 2 | Jackson Davis | [dave\_jack@gmail.com](mailto:dave_jack@gmail.com) | 10012 | Remote Control Car | 2 | 5800 |
| 2 | Jackson Davis | [dave\_jack@gmail.com](mailto:dave_jack@gmail.com) | 10012 | Blossoms Lehenga Choli set | 3 | 9000 |
| 2 | Jackson Davis | [dave\_jack@gmail.com](mailto:dave_jack@gmail.com) | 10012 | Shell Fingertip Ball Pen | 10 | 250 |
| 2 | Jackson Davis | [dave\_jack@gmail.com](mailto:dave_jack@gmail.com) | 10012 | Ruf-n-Tuf Black PU Leather Belt | 5 | 1750 |
| 2 | Jackson Davis | [dave\_jack@gmail.com](mailto:dave_jack@gmail.com) | 10037 | Kasyo DJ-2100 Desktop Calculator | 1 | 338 |
| 2 | Jackson Davis | [dave\_jack@gmail.com](mailto:dave_jack@gmail.com) | 10037 | GreenWud Nova Pedestal Unit | 1 | 2500 |
| 3 | Komal Choudhary | [ch\_komal@yahoo.co.IN](mailto:ch_komal@yahoo.co.IN) | 10007 | Alchemist | 20 | 3000 |
| 3 | Komal Choudhary | [ch\_komal@yahoo.co.IN](mailto:ch_komal@yahoo.co.IN) | 10007 | Harry Potter | 25 | 6250 |
| 3 | Komal Choudhary | [ch\_komal@yahoo.co.IN](mailto:ch_komal@yahoo.co.IN) | 10007 | External Hard Disk 500 GB | 1 | 3500 |
| 3 | Komal Choudhary | [ch\_komal@yahoo.co.IN](mailto:ch_komal@yahoo.co.IN) | 10007 | Shell Fingertip Ball Pen | 2 | 50 |
| 3 | Komal Choudhary | [ch\_komal@yahoo.co.IN](mailto:ch_komal@yahoo.co.IN) | 10007 | Solo Exam SB-01 Writing Pad | 3 | 1050 |
| 3 | Komal Choudhary | [ch\_komal@yahoo.co.IN](mailto:ch_komal@yahoo.co.IN) | 10007 | 4M Post It Pad 3.5 | 2 | 70 |
| 3 | Komal Choudhary | [ch\_komal@yahoo.co.IN](mailto:ch_komal@yahoo.co.IN) | 10040 | Logtech M244 Optical Mouse | 1 | 450 |
| 3 | Komal Choudhary | [ch\_komal@yahoo.co.IN](mailto:ch_komal@yahoo.co.IN) | 10040 | FLUFF Tote Travel Bag 35LTR | 1 | 3290 |
| 3 | Komal Choudhary | [ch\_komal@yahoo.co.IN](mailto:ch_komal@yahoo.co.IN) | 10046 | Samsung Galaxy On6 | 1 | 14000 |
| 4 | Wilfred Jean | [w\_jean@gmail.com](mailto:w_jean@gmail.com) | 10009 | Sky LED 102 CM TV | 1 | 35000 |
| 4 | Wilfred Jean | [w\_jean@gmail.com](mailto:w_jean@gmail.com) | 10009 | Cybershot DWC-W325 Camera | 1 | 5300 |
| 4 | Wilfred Jean | [w\_jean@gmail.com](mailto:w_jean@gmail.com) | 10009 | Disney Analog Watch | 1 | 1600 |
| 6 | Anita Goswami | [agoswami@gmail.com](mailto:agoswami@gmail.com) | 10006 | OnePlus 6 Smart Phone | 1 | 32500 |
| 6 | Anita Goswami | [agoswami@gmail.com](mailto:agoswami@gmail.com) | 10006 | Samsung Galaxy On6 | 1 | 14000 |
| 6 | Anita Goswami | [agoswami@gmail.com](mailto:agoswami@gmail.com) | 10006 | Adidas Analog Watch | 3 | 6885 |
| 6 | Anita Goswami | [agoswami@gmail.com](mailto:agoswami@gmail.com) | 10006 | Women Hand Bag | 1 | 1600 |
| 6 | Anita Goswami | [agoswami@gmail.com](mailto:agoswami@gmail.com) | 10006 | Solo Exam SB-01 Writing Pad | 5 | 1750 |
| 6 | Anita Goswami | [agoswami@gmail.com](mailto:agoswami@gmail.com) | 10006 | Kasyo DJ-2100 Desktop Calculator | 2 | 676 |
| 6 | Anita Goswami | [agoswami@gmail.com](mailto:agoswami@gmail.com) | 10006 | GreenWud CT-NO-PR Coffee Table | 2 | 7000 |
| 6 | Anita Goswami | [agoswami@gmail.com](mailto:agoswami@gmail.com) | 10010 | Sams 192 L4 Single-door Refrigerator | 1 | 28000 |
| 6 | Anita Goswami | [agoswami@gmail.com](mailto:agoswami@gmail.com) | 10010 | Blue Jeans 34 | 2 | 1600 |
| 6 | Anita Goswami | [agoswami@gmail.com](mailto:agoswami@gmail.com) | 10010 | OnePlus 6 Smart Phone | 1 | 32500 |
| 6 | Anita Goswami | [agoswami@gmail.com](mailto:agoswami@gmail.com) | 10010 | Solmo Non-stick Sandwich Maker 750 W | 1 | 1625 |
| 6 | Anita Goswami | [agoswami@gmail.com](mailto:agoswami@gmail.com) | 10010 | HP ODC Laptop Bag 15.5 | 1 | 3390 |
| 6 | Anita Goswami | [agoswami@gmail.com](mailto:agoswami@gmail.com) | 10010 | HP ODC School Bag 2.5' | 1 | 799 |
| 6 | Anita Goswami | [agoswami@gmail.com](mailto:agoswami@gmail.com) | 10010 | Foldable Premium Chair | 4 | 16000 |
| 6 | Anita Goswami | [agoswami@gmail.com](mailto:agoswami@gmail.com) | 10017 | External Hard Disk 500 GB | 2 | 7000 |
| 6 | Anita Goswami | [agoswami@gmail.com](mailto:agoswami@gmail.com) | 10017 | Hello Kitti Lunch Bag | 2 | 398 |
| 6 | Anita Goswami | [agoswami@gmail.com](mailto:agoswami@gmail.com) | 10017 | Solo Exam SB-01 Writing Pad | 5 | 1750 |
| 6 | Anita Goswami | [agoswami@gmail.com](mailto:agoswami@gmail.com) | 10017 | 4M Post It Pad 3.5 | 5 | 175 |
| 6 | Anita Goswami | [agoswami@gmail.com](mailto:agoswami@gmail.com) | 10067 | Barbie Fab Gown Doll | 1 | 1000 |
| 6 | Anita Goswami | [agoswami@gmail.com](mailto:agoswami@gmail.com) | 10067 | FLUFF Tote Travel Bag 35LTR | 1 | 3290 |
| 7 | Ashwathi Bhatt | [ash\_bhat@yahoo.co.IN](mailto:ash_bhat@yahoo.co.IN) | 10008 | Solmo Hand Blender Fibre | 5 | 7075 |
| 7 | Ashwathi Bhatt | [ash\_bhat@yahoo.co.IN](mailto:ash_bhat@yahoo.co.IN) | 10008 | Phils Wah Collection Juicer JM12 | 2 | 4058 |
| 7 | Ashwathi Bhatt | [ash\_bhat@yahoo.co.IN](mailto:ash_bhat@yahoo.co.IN) | 10008 | Cindy HMPOC Pencil Box (Multicolor) | 10 | 800 |
| 7 | Ashwathi Bhatt | [ash\_bhat@yahoo.co.IN](mailto:ash_bhat@yahoo.co.IN) | 10008 | 4M Post It Pad 3.5 | 8 | 280 |
| 7 | Ashwathi Bhatt | [ash\_bhat@yahoo.co.IN](mailto:ash_bhat@yahoo.co.IN) | 10032 | Harry Potter | 1 | 250 |
| 7 | Ashwathi Bhatt | [ash\_bhat@yahoo.co.IN](mailto:ash_bhat@yahoo.co.IN) | 10032 | Ruf-n-Tuf Black PU Leather Belt | 2 | 700 |
| 7 | Ashwathi Bhatt | [ash\_bhat@yahoo.co.IN](mailto:ash_bhat@yahoo.co.IN) | 10032 | HP ODC School Bag 2.5' | 2 | 1598 |
| 7 | Ashwathi Bhatt | [ash\_bhat@yahoo.co.IN](mailto:ash_bhat@yahoo.co.IN) | 10032 | Small Is Beautiful | 1 | 140 |
| 7 | Ashwathi Bhatt | [ash\_bhat@yahoo.co.IN](mailto:ash_bhat@yahoo.co.IN) | 10032 | To Kill a Mocking Bird | 1 | 210 |
| 8 | Neetha Castelina | [neetha20@gmail.com](mailto:neetha20@gmail.com) |  |  |  |  |
| 8 | Neetha Castelina | [neetha20@gmail.com](mailto:neetha20@gmail.com) | 10016 | Barbie Fab Gown Doll | 1 | 1000 |
| 8 | Neetha Castelina | [neetha20@gmail.com](mailto:neetha20@gmail.com) | 10016 | Blue Jeans 34 | 1 | 800 |
| 8 | Neetha Castelina | [neetha20@gmail.com](mailto:neetha20@gmail.com) | 10016 | Blossoms Lehenga Choli set | 2 | 6000 |
| 8 | Neetha Castelina | [neetha20@gmail.com](mailto:neetha20@gmail.com) | 10016 | Phils Wah Collection Juicer JM12 | 1 | 2029 |
| 8 | Neetha Castelina | [neetha20@gmail.com](mailto:neetha20@gmail.com) | 10016 | Adidas Analog Watch | 2 | 4590 |
| 8 | Neetha Castelina | [neetha20@gmail.com](mailto:neetha20@gmail.com) | 10016 | HP ODC School Bag 2.5' | 1 | 799 |
| 8 | Neetha Castelina | [neetha20@gmail.com](mailto:neetha20@gmail.com) | 10016 | FLUFF Tote Travel Bag 35LTR | 1 | 3290 |
| 9 | Devika Satish | [devika\_sa@gmail.com](mailto:devika_sa@gmail.com) | 10014 | Sky LED 102 CM TV | 1 | 35000 |
| 9 | Devika Satish | [devika\_sa@gmail.com](mailto:devika_sa@gmail.com) | 10014 | Sams 192 L4 Single-door Refrigerator | 1 | 28000 |
| 9 | Devika Satish | [devika\_sa@gmail.com](mailto:devika_sa@gmail.com) | 10014 | Remote Control Car | 2 | 5800 |
| 9 | Devika Satish | [devika\_sa@gmail.com](mailto:devika_sa@gmail.com) | 10014 | Samsung Galaxy On6 | 1 | 14000 |
| 9 | Devika Satish | [devika\_sa@gmail.com](mailto:devika_sa@gmail.com) | 10014 | Harry Potter | 1 | 250 |
| 9 | Devika Satish | [devika\_sa@gmail.com](mailto:devika_sa@gmail.com) | 10014 | External Hard Disk 500 GB | 2 | 7000 |
| 10 | Bidhan C.Roy | [bidhanroy@yahoo.co.in](mailto:bidhanroy@yahoo.co.in) | 10015 | Adidas Analog Watch | 1 | 2295 |
| 10 | Bidhan C.Roy | [bidhanroy@yahoo.co.in](mailto:bidhanroy@yahoo.co.in) | 10015 | 4M Post It Pad 3.5 | 5 | 175 |
| 10 | Bidhan C.Roy | [bidhanroy@yahoo.co.in](mailto:bidhanroy@yahoo.co.in) | 10015 | GreenWud CT-NO-PR Coffee Table | 2 | 7000 |
| 10 | Bidhan C.Roy | [bidhanroy@yahoo.co.in](mailto:bidhanroy@yahoo.co.in) | 10015 | Supreme Fusion Cupboard 02TB | 1 | 3000 |
| 10 | Bidhan C.Roy | [bidhanroy@yahoo.co.in](mailto:bidhanroy@yahoo.co.in) | 10015 | Foldable Premium Chair | 4 | 16000 |
| 10 | Bidhan C.Roy | [bidhanroy@yahoo.co.in](mailto:bidhanroy@yahoo.co.in) | 10070 | Kasyo DJ-2100 Desktop Calculator | 1 | 338 |
| 10 | Bidhan C.Roy | [bidhanroy@yahoo.co.in](mailto:bidhanroy@yahoo.co.in) | 10070 | 4M Post It Pad 3.5 | 2 | 70 |
| 11 | Vikas Jha | [vikas.jha@gmail.com](mailto:vikas.jha@gmail.com) | 10018 | Shell Fingertip Ball Pen | 15 | 375 |
| 11 | Vikas Jha | [vikas.jha@gmail.com](mailto:vikas.jha@gmail.com) | 10018 | Sams 21L Microwave Oven | 1 | 6880 |
| 11 | Vikas Jha | [vikas.jha@gmail.com](mailto:vikas.jha@gmail.com) | 10018 | Solmo Non-stick Sandwich Maker 750 W | 1 | 1625 |
| 11 | Vikas Jha | [vikas.jha@gmail.com](mailto:vikas.jha@gmail.com) | 10018 | Solmo Hand Blender Fibre | 1 | 1415 |
| 11 | Vikas Jha | [vikas.jha@gmail.com](mailto:vikas.jha@gmail.com) | 10018 | HP ODC Laptop Bag 15.5 | 1 | 3390 |
| 11 | Vikas Jha | [vikas.jha@gmail.com](mailto:vikas.jha@gmail.com) | 10018 | Cindy HMPOC Pencil Box (Multicolor) | 15 | 1200 |
| 11 | Vikas Jha | [vikas.jha@gmail.com](mailto:vikas.jha@gmail.com) | 10018 | Foldable Premium Chair | 6 | 24000 |
| 11 | Vikas Jha | [vikas.jha@gmail.com](mailto:vikas.jha@gmail.com) | 10056 | Ruf-n-Tuf Black PU Leather Belt | 2 | 700 |
| 11 | Vikas Jha | [vikas.jha@gmail.com](mailto:vikas.jha@gmail.com) | 10057 | Cricket Set for Boys | 1 | 4500 |
| 12 | Arul Kumar.T | [arulkumar@gmail.com](mailto:arulkumar@gmail.com) | 10019 | Sams 192 L4 Single-door Refrigerator | 1 | 28000 |
| 12 | Arul Kumar.T | [arulkumar@gmail.com](mailto:arulkumar@gmail.com) | 10019 | Remote Control Car | 2 | 5800 |
| 12 | Arul Kumar.T | [arulkumar@gmail.com](mailto:arulkumar@gmail.com) | 10019 | Samsung Galaxy On6 | 1 | 14000 |
| 12 | Arul Kumar.T | [arulkumar@gmail.com](mailto:arulkumar@gmail.com) | 10019 | Phils HL 7430 Mixer Grinder 750W | 1 | 2265 |
| 12 | Arul Kumar.T | [arulkumar@gmail.com](mailto:arulkumar@gmail.com) | 10019 | Phils Wah Collection Juicer JM12 | 1 | 2029 |
| 13 | Ravi Srinivasn | [r\_srinivasn@yahoo.co.in](mailto:r_srinivasn@yahoo.co.in) |  |  |  |  |
| 14 | Avinash Dutta | [avinash.dutta@yahoo.co.in](mailto:avinash.dutta@yahoo.co.in) | 10039 | OnePlus 6 Smart Phone | 1 | 32500 |
| 15 | Jyoti Sinha | [jyotisinha@gmail.com](mailto:jyotisinha@gmail.com) |  |  |  |  |
| 16 | Vijay Bollineni | [vbollineni@gmail.com](mailto:vbollineni@gmail.com) |  |  |  |  |
| 17 | Prasad Shetty | [pshetty@yahoo.co.in](mailto:pshetty@yahoo.co.in) | 10043 | Shell Fingertip Ball Pen | 10 | 250 |
| 17 | Prasad Shetty | [pshetty@yahoo.co.in](mailto:pshetty@yahoo.co.in) | 10043 | 4M Post It Pad 3.5 | 2 | 70 |
| 17 | Prasad Shetty | [pshetty@yahoo.co.in](mailto:pshetty@yahoo.co.in) | 10052 | Phils Wah Collection Juicer JM12 | 1 | 2029 |
| 17 | Prasad Shetty | [pshetty@yahoo.co.in](mailto:pshetty@yahoo.co.in) | 10065 | Hello Kitti Lunch Bag | 1 | 199 |
| 17 | Prasad Shetty | [pshetty@yahoo.co.in](mailto:pshetty@yahoo.co.in) | 10065 | Cindy HMPOC Pencil Box (Multicolor) | 3 | 240 |
| 18 | Suresh Babu | [sbabu@yahoo.co.in](mailto:sbabu@yahoo.co.in) | 10020 | Sky LED 102 CM TV | 1 | 35000 |
| 18 | Suresh Babu | [sbabu@yahoo.co.in](mailto:sbabu@yahoo.co.in) | 10020 | Jocky Speaker Music System HT32 | 1 | 8900 |
| 18 | Suresh Babu | [sbabu@yahoo.co.in](mailto:sbabu@yahoo.co.in) | 10020 | Cricket Set for Boys | 2 | 9000 |
| 18 | Suresh Babu | [sbabu@yahoo.co.in](mailto:sbabu@yahoo.co.in) | 10020 | Barbie Fab Gown Doll | 2 | 2000 |
| 18 | Suresh Babu | [sbabu@yahoo.co.in](mailto:sbabu@yahoo.co.in) | 10020 | Shell Fingertip Ball Pen | 20 | 500 |
| 18 | Suresh Babu | [sbabu@yahoo.co.in](mailto:sbabu@yahoo.co.in) | 10020 | Ruf-n-Tuf Black PU Leather Belt | 4 | 1400 |
| 18 | Suresh Babu | [sbabu@yahoo.co.in](mailto:sbabu@yahoo.co.in) | 10020 | Cybershot DWC-W325 Camera | 1 | 5300 |
| 18 | Suresh Babu | [sbabu@yahoo.co.in](mailto:sbabu@yahoo.co.in) | 10020 | HP ODC School Bag 2.5' | 3 | 2397 |
| 18 | Suresh Babu | [sbabu@yahoo.co.in](mailto:sbabu@yahoo.co.in) | 10020 | Supreme Fusion Cupboard 02TB | 2 | 6000 |
| 18 | Suresh Babu | [sbabu@yahoo.co.in](mailto:sbabu@yahoo.co.in) | 10063 | Alchemist | 1 | 150 |
| 18 | Suresh Babu | [sbabu@yahoo.co.in](mailto:sbabu@yahoo.co.in) | 10063 | HP ODC Laptop Bag 15.5 | 1 | 3390 |
| 18 | Suresh Babu | [sbabu@yahoo.co.in](mailto:sbabu@yahoo.co.in) | 10063 | Women Hand Bag | 1 | 1600 |
| 18 | Suresh Babu | [sbabu@yahoo.co.in](mailto:sbabu@yahoo.co.in) | 10063 | TRANS 2D A4 Size Box File | 5 | 600 |
| 19 | Bharti Subhash | [bhartis@gmail.com](mailto:bhartis@gmail.com) | 10034 | Phils Wah Collection Juicer JM12 | 1 | 2029 |
| 19 | Bharti Subhash | [bhartis@gmail.com](mailto:bhartis@gmail.com) | 10034 | Women Hand Bag | 1 | 1600 |
| 19 | Bharti Subhash | [bhartis@gmail.com](mailto:bhartis@gmail.com) | 10054 | Infant Sleepwear Blue | 2 | 500 |
| 19 | Bharti Subhash | [bhartis@gmail.com](mailto:bhartis@gmail.com) | 10054 | HP ODC Laptop Bag 15.5 | 1 | 3390 |
| 20 | Keshav Jog | [kesjog@yahoo.co.in](mailto:kesjog@yahoo.co.in) |  |  |  |  |
| 5 | Ramya Ravinder | [ramya\_r23@gmail.com](mailto:ramya_r23@gmail.com) | 10003 | Sams 192 L4 Single-door Refrigerator | 1 | 28000 |
| 5 | Ramya Ravinder | [ramya\_r23@gmail.com](mailto:ramya_r23@gmail.com) | 10003 | Jocky Speaker Music System HT32 | 1 | 8900 |
| 5 | Ramya Ravinder | [ramya\_r23@gmail.com](mailto:ramya_r23@gmail.com) | 10003 | Logtech M244 Optical Mouse | 5 | 2250 |
| 5 | Ramya Ravinder | [ramya\_r23@gmail.com](mailto:ramya_r23@gmail.com) | 10003 | Phils HL 7430 Mixer Grinder 750W | 1 | 2265 |
| 5 | Ramya Ravinder | [ramya\_r23@gmail.com](mailto:ramya_r23@gmail.com) | 10003 | Solmo Non-stick Sandwich Maker 750 W | 1 | 1625 |
| 5 | Ramya Ravinder | [ramya\_r23@gmail.com](mailto:ramya_r23@gmail.com) | 10003 | HP ODC Laptop Bag 15.5 | 2 | 6780 |
| 5 | Ramya Ravinder | [ramya\_r23@gmail.com](mailto:ramya_r23@gmail.com) | 10003 | FLUFF Tote Travel Bag 35LTR | 1 | 3290 |
| 5 | Ramya Ravinder | [ramya\_r23@gmail.com](mailto:ramya_r23@gmail.com) | 10004 | Titan Karishma Watch | 1 | 3497 |
| 5 | Ramya Ravinder | [ramya\_r23@gmail.com](mailto:ramya_r23@gmail.com) | 10004 | Ruf-n-Tuf Black PU Leather Belt | 2 | 700 |
| 5 | Ramya Ravinder | [ramya\_r23@gmail.com](mailto:ramya_r23@gmail.com) | 10004 | Hello Kitti Lunch Bag | 1 | 199 |
| 5 | Ramya Ravinder | [ramya\_r23@gmail.com](mailto:ramya_r23@gmail.com) | 10004 | KitchAsst Siphon Coffee Maker 500 ml | 1 | 1790 |
| 5 | Ramya Ravinder | [ramya\_r23@gmail.com](mailto:ramya_r23@gmail.com) | 10004 | Sams 21L Microwave Oven | 1 | 6880 |
| 5 | Ramya Ravinder | [ramya\_r23@gmail.com](mailto:ramya_r23@gmail.com) | 10005 | Cricket Set for Boys | 2 | 9000 |
| 5 | Ramya Ravinder | [ramya\_r23@gmail.com](mailto:ramya_r23@gmail.com) | 10005 | Barbie Fab Gown Doll | 1 | 1000 |
| 5 | Ramya Ravinder | [ramya\_r23@gmail.com](mailto:ramya_r23@gmail.com) | 10005 | Remote Control Car | 2 | 5800 |
| 5 | Ramya Ravinder | [ramya\_r23@gmail.com](mailto:ramya_r23@gmail.com) | 10005 | Blue Jeans 34 | 5 | 4000 |
| 5 | Ramya Ravinder | [ramya\_r23@gmail.com](mailto:ramya_r23@gmail.com) | 10005 | Blossoms Lehenga Choli set | 5 | 15000 |
| 5 | Ramya Ravinder | [ramya\_r23@gmail.com](mailto:ramya_r23@gmail.com) | 10005 | Shell Fingertip Ball Pen | 10 | 250 |
| 21 | Alan Silvestri | [alan\_silver@msn.com](mailto:alan_silver@msn.com) | 10026 | OnePlus 6 Smart Phone | 1 | 32500 |
| 21 | Alan Silvestri | [alan\_silver@msn.com](mailto:alan_silver@msn.com) | 10026 | Cybershot DWC-W325 Camera | 1 | 5300 |
| 22 | Andrew Stanton | [andrew\_stanton@yahoo.com](mailto:andrew_stanton@yahoo.com) |  |  |  |  |
| 23 | Anna Pinnock | [anna\_pinnock@yahoo.com](mailto:anna_pinnock@yahoo.com) | 10022 | Sams 192 L4 Single-door Refrigerator | 1 | 28000 |
| 23 | Anna Pinnock | [anna\_pinnock@yahoo.com](mailto:anna_pinnock@yahoo.com) | 10022 | PK Copier A4 75 GSM White Paper Ream | 1 | 285 |
| 23 | Anna Pinnock | [anna\_pinnock@yahoo.com](mailto:anna_pinnock@yahoo.com) | 10027 | Titan Karishma Watch | 1 | 3497 |
| 23 | Anna Pinnock | [anna\_pinnock@yahoo.com](mailto:anna_pinnock@yahoo.com) | 10027 | Ruf-n-Tuf Black PU Leather Belt | 2 | 700 |
| 23 | Anna Pinnock | [anna\_pinnock@yahoo.com](mailto:anna_pinnock@yahoo.com) | 10028 | Remote Control Car | 1 | 2900 |
| 23 | Anna Pinnock | [anna\_pinnock@yahoo.com](mailto:anna_pinnock@yahoo.com) | 10028 | Exam Warriors | 1 | 100 |
| 23 | Anna Pinnock | [anna\_pinnock@yahoo.com](mailto:anna_pinnock@yahoo.com) | 10069 | Cricket Set for Boys | 1 | 4500 |
| 23 | Anna Pinnock | [anna\_pinnock@yahoo.com](mailto:anna_pinnock@yahoo.com) | 10069 | Solo Exam SB-01 Writing Pad | 2 | 700 |
| 23 | Anna Pinnock | [anna\_pinnock@yahoo.com](mailto:anna_pinnock@yahoo.com) | 10069 | Kasyo DJ-2100 Desktop Calculator | 1 | 338 |
| 24 | Brian Grazer | [brian\_grazer@gmail.com](mailto:brian_grazer@gmail.com) | 10035 | KitchAsst Siphon Coffee Maker 500 ml | 1 | 1790 |
| 24 | Brian Grazer | [brian\_grazer@gmail.com](mailto:brian_grazer@gmail.com) | 10035 | GreenWud CT-NO-PR Coffee Table | 2 | 7000 |
| 24 | Brian Grazer | [brian\_grazer@gmail.com](mailto:brian_grazer@gmail.com) | 10035 | Supreme Fusion Cupboard 02TB | 1 | 3000 |
| 24 | Brian Grazer | [brian\_grazer@gmail.com](mailto:brian_grazer@gmail.com) | 10036 | External Hard Disk 500 GB | 1 | 3500 |
| 24 | Brian Grazer | [brian\_grazer@gmail.com](mailto:brian_grazer@gmail.com) | 10036 | Cindy HMPOC Pencil Box (Multicolor) | 2 | 160 |
| 24 | Brian Grazer | [brian\_grazer@gmail.com](mailto:brian_grazer@gmail.com) | 10036 | Solo Exam SB-01 Writing Pad | 1 | 350 |
| 24 | Brian Grazer | [brian\_grazer@gmail.com](mailto:brian_grazer@gmail.com) | 10047 | Jocky Speaker Music System HT32 | 1 | 8900 |
| 24 | Brian Grazer | [brian\_grazer@gmail.com](mailto:brian_grazer@gmail.com) | 10047 | Logtech M244 Optical Mouse | 1 | 450 |
| 25 | Bruno Delbonnel | [bruno\_delbonnel@msn.com](mailto:bruno_delbonnel@msn.com) | 10021 | Samsung Galaxy On6 | 1 | 14000 |
| 25 | Bruno Delbonnel | [bruno\_delbonnel@msn.com](mailto:bruno_delbonnel@msn.com) | 10021 | Phils Wah Collection Juicer JM12 | 1 | 2029 |
| 25 | Bruno Delbonnel | [bruno\_delbonnel@msn.com](mailto:bruno_delbonnel@msn.com) | 10021 | HP ODC Laptop Bag 15.5 | 1 | 3390 |
| 25 | Bruno Delbonnel | [bruno\_delbonnel@msn.com](mailto:bruno_delbonnel@msn.com) | 10021 | Cindy HMPOC Pencil Box (Multicolor) | 5 | 400 |
| 25 | Bruno Delbonnel | [bruno\_delbonnel@msn.com](mailto:bruno_delbonnel@msn.com) | 10029 | Cricket Set for Boys | 1 | 4500 |
| 25 | Bruno Delbonnel | [bruno\_delbonnel@msn.com](mailto:bruno_delbonnel@msn.com) | 10029 | Exam Warriors | 1 | 100 |
| 25 | Bruno Delbonnel | [bruno\_delbonnel@msn.com](mailto:bruno_delbonnel@msn.com) | 10055 | Hello Kitti Lunch Bag | 1 | 199 |
| 25 | Bruno Delbonnel | [bruno\_delbonnel@msn.com](mailto:bruno_delbonnel@msn.com) | 10055 | HP ODC School Bag 2.5' | 1 | 799 |
| 26 | Stephen E. Rivkin | stephen\_e. [rivkin@msn.com](mailto:rivkin@msn.com) | 10042 | Blue Jeans 34 | 1 | 800 |
| 26 | Stephen E. Rivkin | stephen\_e. [rivkin@msn.com](mailto:rivkin@msn.com) | 10042 | Adidas Analog Watch | 1 | 2295 |
| 27 | Mali Finn | [mali\_finn@yahoo.com](mailto:mali_finn@yahoo.com) |  |  |  |  |
| 28 | Sayyed Faraj | [sayyed\_faraj@gmail.com](mailto:sayyed_faraj@gmail.com) | 10025 | Barbie Fab Gown Doll | 2 | 2000 |
| 28 | Sayyed Faraj | [sayyed\_faraj@gmail.com](mailto:sayyed_faraj@gmail.com) | 10025 | Ruf-n-Tuf Black PU Leather Belt | 3 | 1050 |
| 28 | Sayyed Faraj | [sayyed\_faraj@gmail.com](mailto:sayyed_faraj@gmail.com) | 10033 | Women Hand Bag | 1 | 1600 |
| 28 | Sayyed Faraj | [sayyed\_faraj@gmail.com](mailto:sayyed_faraj@gmail.com) | 10033 | Solo Exam SB-01 Writing Pad | 5 | 1750 |
| 28 | Sayyed Faraj | [sayyed\_faraj@gmail.com](mailto:sayyed_faraj@gmail.com) | 10058 | Blue Jeans 34 | 1 | 800 |
| 28 | Sayyed Faraj | [sayyed\_faraj@gmail.com](mailto:sayyed_faraj@gmail.com) | 10058 | Disney Analog Watch | 1 | 1600 |
| 29 | Francine Maisler | [francine\_maisler@gmail.com](mailto:francine_maisler@gmail.com) |  |  |  |  |
| 30 | Anita Kohli | [anita\_kohli@yahoo.com](mailto:anita_kohli@yahoo.com) | 10059 | Cybershot DWC-W325 Camera | 1 | 5300 |
| 31 | Thomas Newman | [thomas\_nman@yahoo.com](mailto:thomas_nman@yahoo.com) |  |  |  |  |
| 32 | Hans Zimmer | [hans\_zimmer@yahoo.com](mailto:hans_zimmer@yahoo.com) | 10024 | Sky LED 102 CM TV | 1 | 35000 |
| 32 | Hans Zimmer | [hans\_zimmer@yahoo.com](mailto:hans_zimmer@yahoo.com) | 10024 | External Hard Disk 500 GB | 1 | 3500 |
| 33 | Niseema Zimmer | [niseemaz@yahoo.com](mailto:niseemaz@yahoo.com) |  |  |  |  |
| 33 | Niseema Zimmer | [niseemaz@yahoo.com](mailto:niseemaz@yahoo.com) | 10048 | Remote Control Car | 1 | 2900 |
| 33 | Niseema Zimmer | [niseemaz@yahoo.com](mailto:niseemaz@yahoo.com) | 10049 | Sams 192 L4 Single-door Refrigerator | 1 | 28000 |
| 33 | Niseema Zimmer | [niseemaz@yahoo.com](mailto:niseemaz@yahoo.com) | 10049 | GreenWud Nova Pedestal Unit | 1 | 2500 |
| 34 | Hans Zimmer | [hans\_zimmer@gmail.com](mailto:hans_zimmer@gmail.com) | 10045 | Zamark Color Pencil Art Set | 1 | 100 |
| 34 | Hans Zimmer | [hans\_zimmer@gmail.com](mailto:hans_zimmer@gmail.com) | 10045 | PK Copier A4 75 GSM White Paper Ream | 10 | 2850 |
| 34 | Hans Zimmer | [hans\_zimmer@gmail.com](mailto:hans_zimmer@gmail.com) | 10045 | Foldable Premium Chair | 1 | 4000 |
| 34 | Hans Zimmer | [hans\_zimmer@gmail.com](mailto:hans_zimmer@gmail.com) | 10045 | GreenWud Nova Pedestal Unit | 1 | 2500 |
| 34 | Hans Zimmer | [hans\_zimmer@gmail.com](mailto:hans_zimmer@gmail.com) |  |  |  |  |
| 35 | Thomas Newman | [thomas\_newman@gmail.com](mailto:thomas_newman@gmail.com) | 10064 | Blue Jeans 34 | 2 | 1600 |
| 35 | Thomas Newman | [thomas\_newman@gmail.com](mailto:thomas_newman@gmail.com) | 10064 | Exam Warriors | 1 | 100 |
| 36 | Michelle H. Shores | [howard\_shores@yahoo.com](mailto:howard_shores@yahoo.com) | 10023 | Barbie Fab Gown Doll | 2 | 2000 |
| 36 | Michelle H. Shores | [howard\_shores@yahoo.com](mailto:howard_shores@yahoo.com) | 10023 | Remote Control Car | 1 | 2900 |
| 36 | Michelle H. Shores | [howard\_shores@yahoo.com](mailto:howard_shores@yahoo.com) | 10023 | Doll House | 1 | 3000 |
| 37 | James Newton Howard | [james\_nhoward@yahoo.com](mailto:james_nhoward@yahoo.com) | 10061 | Logtech M244 Optical Mouse | 1 | 450 |
| 38 | John Lasseter | [john\_lass@gmail.com](mailto:john_lass@gmail.com) |  |  |  |  |
| 39 | Liz Mullane | [liz\_mullane@gmail.com](mailto:liz_mullane@gmail.com) | 10044 | Barbie Fab Gown Doll | 2 | 2000 |
| 39 | Liz Mullane | [liz\_mullane@gmail.com](mailto:liz_mullane@gmail.com) | 10044 | Doll House | 1 | 3000 |
| 40 | Paul Haggis | [paul\_haggis@gmail.com](mailto:paul_haggis@gmail.com) | 10053 | Sams 21L Microwave Oven | 1 | 6880 |
| 41 | Tharman Shanmugaratnam | [tharshan@yahoo.co.sg](mailto:tharshan@yahoo.co.sg) |  |  |  |  |
| 42 | Rebecca Lim | [reblim@msn.co.sg](mailto:reblim@msn.co.sg) |  |  |  |  |
| 43 | Rajiv Chandrasekaran | [rajiv\_chan@yahoo.co.in](mailto:rajiv_chan@yahoo.co.in) | 10051 | Solmo Hand Blender Fibre | 1 | 1415 |
| 43 | Rajiv Chandrasekaran | [rajiv\_chan@yahoo.co.in](mailto:rajiv_chan@yahoo.co.in) | 10051 | PK Copier A4 75 GSM White Paper Ream | 5 | 1425 |
| 44 | Tanya Chua | [tanyac@singers.sg](mailto:tanyac@singers.sg) |  |  |  |  |
| 45 | Janvi Rajiv | [janvi\_jha@msn.co.sg](mailto:janvi_jha@msn.co.sg) |  |  |  |  |
| 46 | Tan Bee Soo | [tanbeesoo@yahoo.co.sg](mailto:tanbeesoo@yahoo.co.sg) | 10038 | Logtech M244 Optical Mouse | 1 | 450 |
| 46 | Tan Bee Soo | [tanbeesoo@yahoo.co.sg](mailto:tanbeesoo@yahoo.co.sg) | 10038 | 4M Post It Pad 3.5 | 5 | 175 |
| 46 | Tan Bee Soo | [tanbeesoo@yahoo.co.sg](mailto:tanbeesoo@yahoo.co.sg) | 10038 | Supreme Fusion Cupboard 02TB | 1 | 3000 |
| 47 | Yun Zhu | [yunzho@gmail.com](mailto:yunzho@gmail.com) |  |  |  |  |
| 48 | Wajdi bin Abdul Majeed | [wajdiabdul@gmail.com](mailto:wajdiabdul@gmail.com) |  |  |  |  |
| 49 | Anbara binti Mubarak | [anmubarak@yahoo.co.my](mailto:anmubarak@yahoo.co.my) |  |  |  |  |
| 50 | Sri binti Yaakob | [sribinti@yahoo.co.my](mailto:sribinti@yahoo.co.my) | 10060 | HP ODC School Bag 2.5' | 1 | 799 |
| 50 | Sri binti Yaakob | [sribinti@yahoo.co.my](mailto:sribinti@yahoo.co.my) | 10060 | Zamark Color Pencil Art Set | 2 | 200 |
| 50 | Sri binti Yaakob | [sribinti@yahoo.co.my](mailto:sribinti@yahoo.co.my) | 10060 | Kasyo DJ-2100 Desktop Calculator | 1 | 338 |
| 51 | Ahmad Bin Gh Azali | [ahmad\_bingh@yahoo.co.my](mailto:ahmad_bingh@yahoo.co.my) |  |  |  |  |
| 51 | Ahmad Bin Gh Azali | [ahmad\_bingh@yahoo.co.my](mailto:ahmad_bingh@yahoo.co.my) | 10068 | Infant Sleepwear Blue | 2 | 500 |
| 51 | Ahmad Bin Gh Azali | [ahmad\_bingh@yahoo.co.my](mailto:ahmad_bingh@yahoo.co.my) | 10068 | GreenWud CT-NO-PR Coffee Table | 1 | 3500 |
| 52 | Suchirithaa Ekanayake | [suchiritha@msn.com](mailto:suchiritha@msn.com) | 10030 | HP ODC School Bag 2.5' | 2 | 1598 |

use orders;

***/\* Q7. 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] \*/***

select carton\_id, len\*width\*height as carton\_vol

from CARTON

where len\*width\*height>(

select sum(PRODUCT\_QUANTITY\*LEN\*WIDTH\*HEIGHT) as total\_prod\_volume

from ORDER\_ITEMS as oi

left outer join PRODUCT as prd

on oi.product\_id = prd.product\_id

where order\_id = '10006')

order by len\*width\*height limit 1;

**Output:**

carton\_id, carton\_vol

'40', '1215000000'

***/\* Q8. 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,]\*/***

select cust.customer\_id, concat(customer\_fname,' ',customer\_lname) as customer\_fullname, ordr\_itm.order\_id, total\_order\_quantity

from ONLINE\_CUSTOMER cust

left outer join ORDER\_HEADER ordr\_head

on cust.customer\_id = ordr\_head.customer\_id

inner join (select order\_id, sum(product\_quantity) as total\_order\_quantity from ORDER\_ITEMS group by order\_id having sum(product\_quantity)>10) ordr\_itm

on ordr\_head.order\_id = ordr\_itm.order\_id

where ordr\_head.order\_status = 'Shipped'

order by 1;

**Output:**

customer\_id, customer\_fullname, order\_id, total\_order\_quantity

'2', 'Jackson Davis', '10002', '16'

'2', 'Jackson Davis', '10012', '23'

'3', 'Komal Choudhary', '10007', '53'

'5', 'Ramya Ravinder', '10003', '12'

'6', 'Anita Goswami', '10006', '15'

'6', 'Anita Goswami', '10010', '11'

'6', 'Anita Goswami', '10017', '14'

'7', 'Ashwathi Bhatt', '10008', '25'

'10', 'Bidhan C.Roy', '10015', '13'

'11', 'Vikas Jha', '10018', '40'

'17', 'Prasad Shetty', '10043', '12'

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***9. Write a query to display the order\_id, customer id and cutomer 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]\*/***

select ordr\_itm.order\_id, cust.customer\_id, concat(customer\_fname,' ',customer\_lname) as customer\_fullname, total\_order\_quantity

from ONLINE\_CUSTOMER cust

left outer join ORDER\_HEADER ordr\_head

on cust.customer\_id = ordr\_head.customer\_id

inner join (select order\_id, sum(product\_quantity) as total\_order\_quantity from ORDER\_ITEMS where order\_id > 10060 group by order\_id) ordr\_itm

on ordr\_head.order\_id = ordr\_itm.order\_id

where ordr\_head.order\_status = 'Shipped'

order by ordr\_itm.order\_id;

**Output**:

order\_id, customer\_id, customer\_fullname, total\_order\_quantity

'10061', '37', 'James Newton Howard', '1'

'10063', '18', 'Suresh Babu', '8'

'10064', '35', 'Thomas Newman', '3'

'10068', '51', 'Ahmad Bin Gh Azali', '3'

'10069', '23', 'Anna Pinnock', '4'

'10070', '10', 'Bidhan C.Roy', '3'

***/\****

***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]\*/***

select country, PRODUCT\_CLASS\_DESC,prd.PRODUCT\_CLASS\_CODE, sum(product\_quantity) total\_quantity, sum(product\_quantity\*product\_price) total\_value

from ORDER\_ITEMS ordr\_itm

left outer join PRODUCT prd

on ordr\_itm.product\_id = prd.product\_id

left outer join PRODUCT\_CLASS prd\_cls

on prd.PRODUCT\_CLASS\_CODE = prd\_cls.PRODUCT\_CLASS\_CODE

inner join ORDER\_HEADER ordr\_head

on ordr\_itm.order\_id = ordr\_head.order\_id

and ordr\_head.order\_status = 'Shipped'

left outer join ONLINE\_CUSTOMER cust

on ordr\_head.customer\_id = cust.customer\_id

inner join ADDRESS addr

on cust.address\_id = addr.address\_id

and addr.country not in ('India', 'USA')

group by country, PRODUCT\_CLASS\_DESC,prd.PRODUCT\_CLASS\_CODE

order by total\_quantity desc limit 1;

**Output:**

country, PRODUCT\_CLASS\_DESC, PRODUCT\_CLASS\_CODE, total\_quantity, total\_value

'Singapore', 'Stationery', '2056', '10', '1600.00'