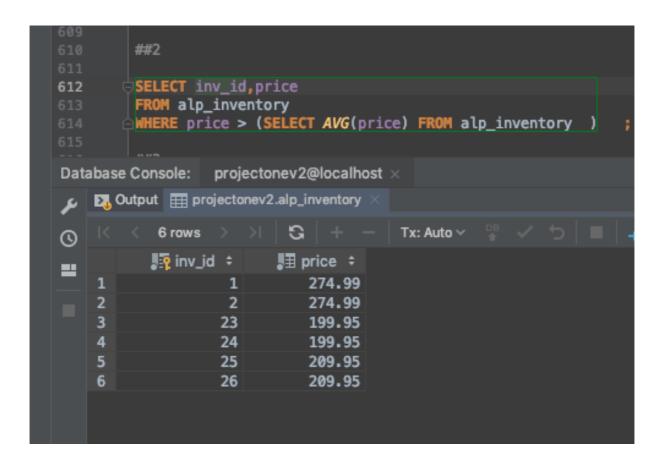
## Nicoloz Tbileli

LAB 3 part 2

part 3

1.

```
SELECT
         inv_id, alp_color
         alp_inventory
          alp_color = (SELECT
                         alp_color
604
                          alp_inventory
                          inv_id = 23);
Database Console:
                 projectonev2@localhost ×
    Output projectonev2.alp_inventory
           4 rows > > | \G | + -
                                      Tx: Auto
(3)
          ==
                  23 Green
    2
                  24 Green
    3
                  25 Green
                  26 Green
```



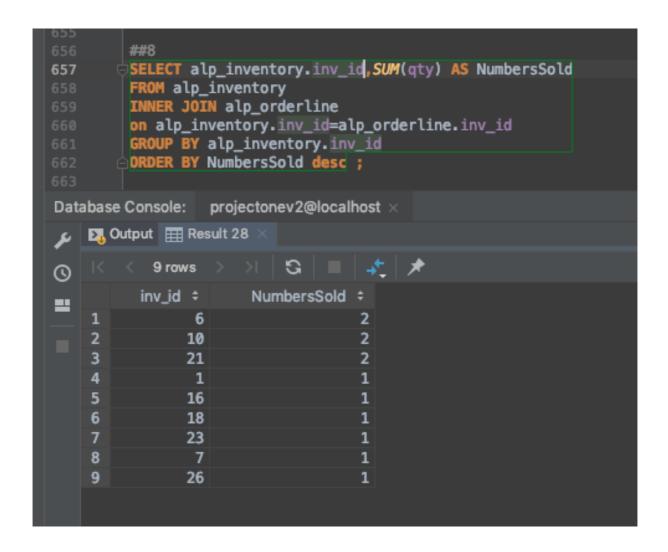
```
select inv_id ,description,item_size,price
      from alp_inventory
        INNER JOIN alp_item
          On alp_inventory.item_id=alp_item.item_id
tabase Console: projectonev2@localhost ×
 Output Result 4
        26 rows > > | 😘 | ■ 💉 🖈
           inv_id = description
                                                       item_size
                                                                           price +
                1 3-Season Tent
                                                          <null>
                                                                           274.99
                  2 3-Season Tent
                                                                            274.99
                 3 Women's Hiking Shorts
  3
                                                          s
                                                                             32.95
  4
                4 Women's Hiking Shorts
                                                         М
                                                                             32.95
               5 Women's Hiking Shorts
                                                                            32.95
                                                         S
  6
                6 Women's Hiking Shorts
                                                                            32.95
                 7 Women's Hiking Shorts
                                                         М
                                                                            32.95
                8 Women's Hiking Shorts
  8
                                                                             32.95
                 9 Women's Fleece Pullover
                                                          s
  9
                                                                             64.95
                10 Women's Fleece Pullover
  10
                                                         М
                                                                            64.95
  11
               11 Women's Fleece Pullover
                                                         L
                                                                           64.95
  12
               12 Women's Fleece Pullover
                                                                             64.95
               13 Women's Fleece Pullover
                                                         М
                                                                             64.95
               14 Women's Fleece Pullover
  14
                                                                             64.95
               15 Children's Beachcomber Sandals
16 Children's Beachcomber Sandals
                                                         10
  15
                                                                             15.99
  16
                                                         11
                                                                             15.99
           17 Children's Beachcomber Sandals 12
  17
                                                                             15.99
               18 Children's Beachcomber Sandals
  18
                                                         6
                                                                             15.99
                19 Children's Beachcomber Sandals
  19
                                                         10
                                                                             15.99
  20
               20 Children's Beachcomber Sandals
                                                          11
                                                                             15.99
               21 Children's Beachcomber Sandals
22 Children's Beachcomber Sandals
  21
                                                          12
                                                                             15.99
  22
                22 Children's Beachcomber Sandals
                                                         6
                                                                             15.99
                                                                            199.95
  23
               23 Men's Expedition Parka
  24
               24 Men's Expedition Parka
                                                         М
                                                                            199.95
  25
                25 Men's Expedition Parka
                                                                            209.95
  26
                 26 Men's Expedition Parka
                                                         XL
                                                                            209.95
```

```
SELECT order_id,order_date,first,last
        FROM alp_orders
        inner join alp_customer
        on alp_orders.cust_id=alp_customer.cust_id;
626
Database Console:
                projectonev2@localhost ×
   Output Result 6
          6 rows
                        G
(0)
         order_id + order_date
                               ==
                                Cindy Jones
    1
                1 2007-10-10
    2
                2 2007-10-31
                                 Mitch
                                          Edwards
    3
                3 2007-11-22
                                 Betty
                                         Sorenson
    4
                4 2007-11-29
                                 Betty
                                         Sorenson
    5
                5 2007-12-12
                                 Alissa White
    6
                6 2007-12-24
                                 Alissa
                                         White
```

```
628
       SELECT alp_orders.order_id, order_date
        from alp_orders
        INNER join alp_orderline
        on alp_orders.order_id= alp_orderline.order_id
        inner JOIN alp_inventory
        on alp_orderline.inv_id=alp_inventory.inv_id
        inner join alp_item
        on alp_item.item_id=alp_inventory.item_id
       where alp_item.description="Men's Expedition Parka";
       ##6
Database Console: projectonev2@localhost ×
Output projectonev2.alp_orders
      ₽ order_id ÷ ₽ order_date
== |
           4 2007-11-29
            6 2007-12-24
```

```
select alp_inventory.inv_id, qty,(qty*price) as Extended_Price
        FROM alp_orders
        INNER JOIN alp_orderline
        on alp_orders.order_id = alp_orderline.order_id
        INNER JOIN alp_inventory
        on alp_orderline.inv_id=alp_inventory.inv_id
        inner join alp_item
                   on alp_item.item_id=alp_inventory.item_id
        where alp_orders.order_id=6;
Database Console: projectonev2@localhost ×
   Output Result 25
           2 rows > > G
(3)
                    qty ‡
                               Extended_Price ÷
         inv_id ÷
==
               10
                         1
                                         64.95
                         1
    2
               26
                                         209.95
```

```
select item_id,sum(quantity_on_hand) AS NUMBERofITEMS
        FROM alp_inventory
        group by item_id
        order by item_id asc;
654
Database Console: projectonev2@localhost ×
    Output Result 26
           5 rows > >| 😘 🗏 💉
(3)
          item_id ÷
                      NUMBEROFITEMS ÷
==
                                     330
    2
                 2
                                     500
    3
                 3
                                     451
    4
                 4
                                     121
                 5
                                     22
```



```
SELECT alp_orders.order_id,first,last,SUM(order_price) AS Total
         FROM alp_customer
         inner JOIN alp_orders
         On alp_customer.cust_id = alp_orders.cust_id
          NNER JOIN alp_orderline
         On alp_orderline.order_id=alp_orders.order_id
         GROUP BY alp_orders.order_id;
671
Database Console: projectonev2@localhost ×
    Output Result 34
                          G
           6 rows
(
          order_id = first
                           + last
                                             Total #
==
                  1 Cindy
                              Jones
                                              307.94
    1
                                               64.95
    2
                  2 Mitch
                              Edwards
    3
                  3 Betty
                              Sorenson
                                               31.98
    4
                  4 Betty
                              Sorenson
                                              199.95
    5
                  5 Alissa
                              White
                                               48.94
    6
                  6 Alissa
                              White
                                              274.90
```

```
select alp_inventory.inv_id,item_id,item_size,alp_color,price,quantity_on_hand
from alp_inventory
INNER JOIN alp_shipping
ON alp_inventory.inv_id=alp_shipping.inv_id
where date_red is NULL;
Database Console: projectonev2@localhost >
Output projectonev2.alp_inventory
                                           >| | G | + -

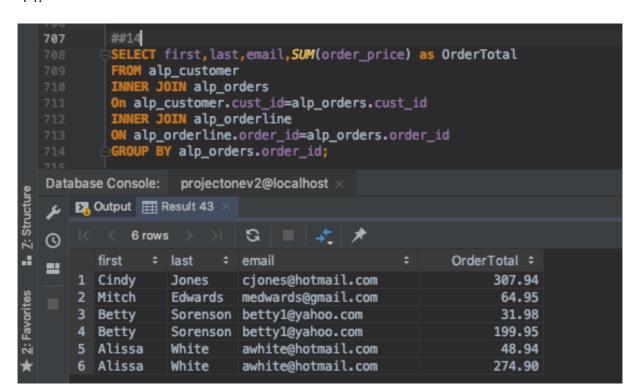
item_id 
item_size

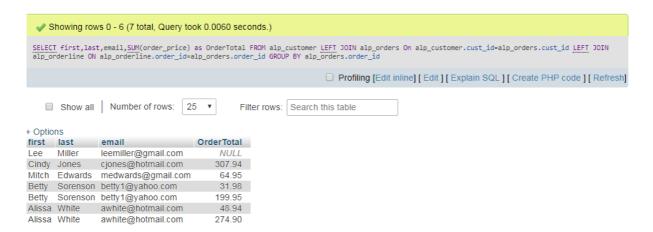
item_size
                                                       Ji inv_id ≎
                                                                                 ■ price ÷
                                                                                                   ■ quantity_on_hand ÷
==
                                                            Sienna
                                                                                     274.99
                                                            Forest
                                                                                     274.99
                                    1 L
                                                                                      32.95
                                                                                                                        0
                                                            Khaki
                 12
                                                            Coral
                                                                                      64.95
                                                                                                                         0
                                    3 11
                                                                                      15.99
                 20
                                                            Red
                                                                                                                        35
    6
                 22
                                    3 6
                                                            Red
                                                                                      15.99
                                                                                                                        0
                                                            Olive
                                                                                      32.95
                                                                                      15.99
                                                                                                                        23
                                    3 12
                                                            Blue
```

```
### 1 | ### 1 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2 | ### 2
```

```
SELECT first, last, SUM(order_price) as OrderTotal
       FROM alp_customer
       INNER JOIN alp_orders
       ON alp_customer.cust_id=alp_orders.cust_id
       INNER JOIN alp_orderline
       ON alp_orders.order_id=alp_orderline.order_id
      694
Database Console: projectonev2@localhost ×
   Output Result 35
   |< < 1row > >| S | ■ |
ឲ
      first # last # OrderTotal #
==
   1 Alissa White
                                48.94
```

```
##13
        SELECT inv_id, description, price, alp_color
        from alp_inventory
            er <mark>joi</mark>n alp_item
        on alp_item.item_id=alp_inventory.item_id
          HERE price=(select min(price)
         from alp_inventory);
        ##14
Database Console: projectonev2@localhost >
   Output Result 31
           8 rows > >| 'G
(3)
         inv_id = description
                                                          price + alp_color
•
              15 Children's Beachcomber Sandals
                                                        15.99 Blue
              16 Children's Beachcomber Sandals
                                                            15.99 Blue
             17 Children's Beachcomber Sandals
                                                          15.99 Blue
             18 Children's Beachcomber Sandals
                                                          15.99 Blue
                                                          15.99 Red
             19 Children's Beachcomber Sandals
             20 Children's Beachcomber Sandals
                                                          15.99 Red
             21 Children's Beachcomber Sandals
                                                          15.99 Red
                                                           15.99 Red
              22 Children's Beachcomber Sandals
```





## part 4

1.

```
##1
744
745
746
746
747
748
PEGIN UPDATE alp_inventory SET quantity_on_hand=quantity_on_hand+qty
748
749
PEND $$
DELIMITER;

Database Console: projectonev2@localhost ×
PI Output I projectonev2.alp_orders ×
PND

[2019-03-18 21:48:54] completed in 6 ms
PND

[2019-03-18 21:48:54] completed in 7 ms
PND

[2019-03-18 21:49:61] completed in 7 ms
PND

[2019-03-18 21:49:14] completed in 5 ms
```

```
DELIMITER $$
DROP PROCEDURE IF EXISTS sp_UpdateInventory$$
CREATE PROCEDURE sp_InsertOrder(IN order_date date, IN payment varchar(255), IN cust_id INT, IN alp_ordersource varchar(255))

BEGIN
INSERT alp_orders(order_date, payment, cust_id, alp_ordersource)

VALUES (order_date, payment, cust_id, alp_ordersource);

END$$
DELIMITER ;
```

```
WMySQL returned an empty result set (i.e. zero rows). (Query took 0.0017 seconds.)

[Edit inline] [Edit] [Create PHP code]

WMySQL returned an empty result set (i.e. zero rows). (Query took 0.0037 seconds.)

CREATE PROCEDURE sp_InsertOrder(IN order_date_date, IN payment varchar(255), IN cust_id_INT, IN alp_ordersource varchar(255)) NBGIN INSERT alp_ordersource (order_date, payment, cust_id, alp_ordersource) VALUES (order_date, payment, cust_id, alp_ordersource)) END

[Edit inline] [Edit] [Create PHP code]
```

```
##4
          DELIMITER $$
DROP PROCEDURE IF EXISTS cancorder;
CREATE PROCEDURE cancorder (IN input_id INT)
754
            Delete FROM alp_orders where order_id=input_id;
           DELETE FROM alp_orderline
                      WHERE alp_orderline.order_id=input_id;
           ĠEND$$
            DELIMITER;
Database Console: projectonev2@localhost >
Output projectonev2.alp_orders
        [2019-03-10 21:30:10] [42000][1004] Tou nave an error in your SQL syntax; check the manual that corresponds sql> CREATE PROCEDURE cancorder (IN input_id INT)

BEGIN
= □
             Delete FROM alp_orders where order_id=input_id;
DELETE FROM alp_orderline
WHERE alp_orderline.order_id=input_id;
     ₩
     î
        [2019-03-18 21:56:30] completed in 5 ms
                                      STS cancorder
        [2019-03-18 21:56:33] completed in 5 ms
```

```
##5
766 DELIMITER $$
766 DROP PROCEDURE IF EXISTS CalOrdTotal;
767 CREATE PROCEDURE CalOrdTotal (IN order id INT,OUT order_total double)
768 BEGIN
769 Select order_total=alp_orderline.qty*alp_orderline.order_price
770 FROM alp_orderline
771 WHERE alp_orderline.order_id=order.id;
772 DELIMITER;

Database Console: projectonev2@localhost ×

| Database Console: projectonev2.alp_orders ×
| Database Console: projectonev2.alp_orders ×
| Database Console: projectonev2.alp_orders ×
| Database Console: projectonev2.alp_orders ×
| Database Console: projectonev2.alp_orders ×
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| Da
```

Trigger

