

Deadline-5

-CartBharo

Embedded Sql-

1. This prints number of orders placed.
Select count(distinct orderID) from orders
2. To list products along with suppliers which are sold.
Select * from product
3. This prints top 3 highest paying customers.
Select payment_ID,user.userID,first_name from user,payment where
payment.userID=user.userID order by payment.amount DESC LIMIT 3
4. To add product 2 into cart by user having userID=4.
insert into cart (cartID, productID, cart_size, userID) values (4,2,3,4)
update cart set cart_size=3 where cartID=4
select * from cart
5. This prints top 3 highest rated delivery partners
select delivery_agent.agentID,delivery_agent.first_name from
delivery_agent,agent_feedback where
delivery_agent.agentID=agent_feedback.agentID and
delivery_agent.orderID=agent_feedback.orderID order by rating DESC LIMIT 3
6. Listing all users with their orderID who gave feedback having word Fast in it.
select first_name,orderID from order_feedback,user where
order_feedback.userID=user.userID and feedback_text like 'Fast%'
7. Order Product
INSERT INTO orders (orderID, userID, productID, quantity, order_date) VALUES
(%s, %s, %s, %s, NOW())
SELECT * FROM orders

Triggers-

1. Trigger to update feedback and rating if rating is not given between 1 and 5:
CREATE TRIGGER check_ratings
BEFORE INSERT ON order_feedback
FOR EACH ROW

```

BEGIN
  IF NEW.rating < 1 OR NEW.rating > 5 THEN
    SET NEW.feedback_text = 'Rating is invalid! Please provide a rating between 1 and
5.';
    SET NEW.rating = NULL;
  END IF;
END;

```

2. Trigger to update amount to 5 if it is less than 5:

```

CREATE TRIGGER check_transaction_amount
BEFORE INSERT ON payment
FOR EACH ROW
BEGIN
  IF NEW.amount < 5 THEN
    SET NEW.amount = 5;
  END IF;
END;

```

3. Trigger to update product price to 5 if it is entered less than 5:

```

CREATE TRIGGER check_product_price
BEFORE INSERT ON product
FOR EACH ROW
BEGIN
  IF NEW.product_price < 5 THEN
    SET NEW.product_price = 5;
  END IF;
END;

```