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IST659 Lab #6

**Statement 3 gave an error message. Why?**

Statement 3 gave an error message because the insert statement referenced three tables, and the values statement only had data to be inserted into two tables, therefore there was an error returned.

**Fix Statement 3 so that it runs successfully and run it.**

INSERT INTO Product (ProductName, ProductDescription)

VALUES ('Green Shoes', 'These are some Green shoes. They are just ok.')

**Code and execute the INSERT statements to add the following products to the database:**

INSERT INTO Product (ProductName, ProductDescription)

VALUES ('Blue shorts', 'Short and blue, they are')

INSERT INTO Product (ProductName, ProductDescription)

VALUES ('Tan shirt', 'Really? A tan shirt?')

INSERT INTO Product (ProductName, ProductDescription)

VALUES ('Green hat', 'Bring it with you')

**Code and execute the UPDATE statements to change the quantity on hand for products**

**based on this table:**

UPDATE Product SET QtyOnHand = 4 WHERE ProductName = 'Blue shorts'

UPDATE Product SET QtyOnHand = 6 WHERE ProductName = 'Green hat'

UPDATE Product SET QtyOnHand = 1 WHERE ProductName = 'Blue shoes'

UPDATE Product SET QtyOnHand = 6 WHERE ProductName = 'Green shoes'

**Good news! We just sold 4 Green hats. Code and execute the UPDATE statement to**

**chenge Green hat’s quantity on hand to reflect this (don’t just set it to 2. Use the**

**math!). Copy and paste your code to your lab document.**

UPDATE Product SET QtyOnHand = QtyOnHand-4 WHERE ProductName = 'Green hat'

**We’ve decided to not sell tan shirts anymore. Code and execute the SQL statement to**

**DELETE the Tan shirt product (make sure you use your WHERE clause).**

DELETE from Product where ProductName = 'Tan shirt'

**Rewrite the statement from i to also include the product description (between name**

**and quantity). Copy and paste your code to your lab document.**

select

ProductID, ProductName, ProductDescription, QtyOnHand

From Product

**We have a business rule that says “Reorder any item when its on hand quantity is less**

**than 5.” Rewrite the statement in j to only show items with quantities less than 5. Copy**

**and paste your code into your lab document**

select

ProductID, ProductName, ProductDescription, QtyOnHand

From Product

WHERE QtyOnHand < 5

**Code and execute the statement in k. Using the snipping tool or a by a similar method,**

**take a screenshot of the results and paste this into your lab document.**

