



BESTBUY DATABASE SYSTEM

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3456

1. Identify customers who have not purchased a new television recently. Display the customer name and email address. You identify the criteria for a recent purchase. Use a nested select to answer the question.

```
SELECT CUSTOMER_FIRST AS "First Name", CUSTOMER_LAST AS "Last Name", CUSTOMER_EMAIL AS "Email"
FROM CUSTOMERS
WHERE CUSTOMER_ID NOT IN (
    SELECT CUSTOMER_ID
    FROM TRANSACTIONS
    WHERE PRODUCT_ID IN (
        SELECT PRODUCT_ID
        FROM PRODUCTS
        WHERE PRODUCT_DESCRIPTION='TELEVISION' AND PRODUCT_ID IN (
            SELECT PRODUCT_ID
            FROM TRANSACTIONS
            WHERE TRANSACTION_DATE > '06/01/2015'))))
```

First Name	Last Name	Email
DAVID	GIOIA	DAVIDEGIOIA@DAYREP.COM
MINNIE	WISNIEWSKI	MINNIEJWISNIEWSKI@ARMYSPY.COM
ERLINE	CARLISLE	ERLINEGCARLISLE@DAYREP.COM
LINDSAY	RIVERA	LINDSAYTRIVERA@ARMYSPY.COM
MATTHEW	NELSON	MATTHEWANELSON@TELEWORM.US
SARAH	BAKER	SARAHLBAKER@TELEWORM.US
KRISTINA	JENSEN	KRISTINADJENSEN@DAYREP.COM
DOUG	WOOLARD	DOUGDWOOLARD@DAYREP.COM
SUSAN	GRAHAM	SUSANDGRAHAM@DAYREP.COM
JEREMY	COURTNEY	JEREMYMCOURTNEY@DAYREP.COM
More than 10 rows available. Increase rows selector to view more rows.		

2. Identify the highest rated computer game. The product needs at least 10 reviews from customers who live in NY. Display the product name, price and average rating. Replace “computer game” and “NY” with a product and state of your own choosing.

```
SELECT P.PRODUCT_NAME AS "Product Name", P.PRODUCT_PRICE AS "Price", AVG(R.RATING) AS "Average Rating"
FROM RATINGS R, TRANSACTIONS T, PRODUCTS P, LOCATIONS L
WHERE R.TRANSACTION_ID = T.TRANSACTION_ID AND T.PRODUCT_ID = P.PRODUCT_ID
AND P.PRODUCT_DESCRIPTION = 'Video Game' AND L.LOCATION_STATE = 'NY'
AND L.LOCATION_ID = T.LOCATION_ID
HAVING COUNT(R.RATING) > 10
GROUP BY PRODUCT_NAME, PRODUCT_PRICE
```

Product Name	Price	Average Rating
Ratchet and Clank 2	49.99	2.8181818181818181818181818181818182

3. Identify stores with the most sales in 2015. Display one row for each store. Display the store address, city, total revenue, smallest sale and largest sale. Use functions to answer this question. Rename the columns so they are descriptive. The store with the highest revenue will display first.

```
SELECT LOCATION_ADDRESS AS "Store Address", LOCATION_CITY AS "Store City",  
SUM(T.TRANSACTION_TOTAL) AS "Total Revenue", MIN(T.TRANSACTION_TOTAL) as "Smallest Sale",  
MAX(T.TRANSACTION_TOTAL) AS "Largest Sale"  
FROM TRANSACTIONS T, LOCATIONS L  
WHERE T.LOCATION_ID = L.LOCATION_ID AND T.TRANSACTION_DATE > '1/01/2015'  
GROUP BY LOCATION_ADDRESS, LOCATION_CITY  
ORDER BY "Total Revenue" DESC
```

Store Address	Store City	Total Revenue	Smallest Sale	Largest Sale
9015 QUEENS BLVD	ELMHURST	9406.84	54.36	8699.99
402 E FORDHAM RD	BRONX	7172	54.36	4349.99
8801 QUEENS BLVD	ELMHURST	4376.07	54.36	2174.99
6 WEST CIRCLE DR	VALLEY STREAM	3701.81	54.36	1517.06
2050 GREEN ACRES MALL	VALLEY STREAM	2663.25	54.36	1032.04
13107 40TH RD	FLUSHING	2444.7	1032.04	1412.66
5001 NORTHERN BLVD	LONG ISLAND CITY	2227.18	54.36	1412.66
610 EXTERIOR ST	BRONX	1167.93	54.36	516.56
555 E SANDFORD BLVD	MOUNT VERNON	607.89	54.36	488.29

4. Decrease the price of all iPads in the NY stores by 20%. Identify the SQL commands to perform this operation. Replace “decrease the price” with your own increase or decrease operation.

```
UPDATE PRODUCTS  
SET PRODUCT_PRICE = PRODUCT_PRICE * 1.20  
WHERE PRODUCT_NAME LIKE '%iPad%' AND LOCATION_ID IN (  
    SELECT LOCATION_ID  
    FROM LOCATIONS  
    WHERE LOCATION_STATE = 'NY')]
```

5. HP Laptops need to be recalled due to a defective battery. Identify laptops with a serial number starting with 998ER4 sold in the last 12 months in the US. Display the customer name and email address. Use a nested select to answer this question.

```
SELECT CUSTOMER_FIRST AS "FIRST NAME", CUSTOMER_LAST AS "LAST NAME", CUSTOMER_EMAIL AS "EMAIL"
FROM CUSTOMERS
WHERE CUSTOMER_ID IN(
    SELECT CUSTOMER_ID
    FROM TRANSACTIONS
    WHERE PRODUCT_ID IN (
        SELECT PRODUCT_ID
        FROM PRODUCTS
        WHERE PRODUCTDETAILS_SERIAL LIKE '%998ER4%'))
```

FIRST NAME	LAST NAME	EMAIL
MINNIE	WISNIEWSKI	MINNIEJWISNIEWSKI@ARMYSPY.COM
LINDSAY	RIVERA	LINDSAYTRIVERA@ARMYSPY.COM
HELEN	MENEFEE	HELENRMENEFEE@JOURRAPIDE.COM

6. Identify neighborhoods with the most laptops sold in 2015. Display one row for each neighborhood. Use a function and nested select to answer this question. Display the neighborhood and number of phones sold. Rename the columns so they are descriptive. Display the neighborhood with the most laptops first.

```
SELECT LOCATION_CITY AS "Neighborhood", COUNT(TRANSACTION_ID) AS "Number of Laptops Sold in 2015"
FROM LOCATIONS L, TRANSACTIONS T, PRODUCTS P
WHERE L.LOCATION_ID = T.LOCATION_ID
AND P.PRODUCT_ID = T.PRODUCT_ID
AND T.TRANSACTION_DATE > '1/1/2015'
AND P.PRODUCT_ID IN
(
    SELECT PRODUCT_ID
    FROM PRODUCTS
    WHERE PRODUCT_DESCRIPTION = 'Laptop'
)
GROUP BY LOCATION_CITY
ORDER BY "Number of Laptops Sold in 2015" DESC
```

Neighborhood	Number of Laptops Sold in 2015
VALLEY STREAM	4
BRONX	3
LONG ISLAND CITY	1
ELMHURST	1

7. Purchase one television. Identify the SQL operations to perform this request.

```
INSERT INTO TRANSACTIONS(TRANSACTION_ID,TRANSACTION_DATE,PRODUCT_ID,STAFF_ID,LOCATION_ID,CUSTOMER_ID,TRANSACTION_TOTAL)
VALUES(36,TO_DATE('12/20/2015 14:17','MM/DD/YYYY HH24:MI'),22,11,1172,20,2174.99)
```

8. In one SQL window, change the iMac price for record 1. Don't commit. In another SQL window, change the iMac price for record 1. Don't commit. Explain your results.

```
SELECT *
FROM PRODUCTS

UPDATE PRODUCTS
SET PRODUCT_PRICE = PRODUCT_PRICE * 1.20
WHERE PRODUCT_ID = 1

UPDATE PRODUCTS
SET PRODUCT_PRICE = PRODUCT_PRICE * 0.8
WHERE PRODUCT_ID = 1
```

9. In one SQL window, delete all products. Don't commit. In another SQL window, increase the price of all laptops by 5%. Don't commit. Explain your results. Resolve the problem. Create a backup of your table before implementing. To create a backup table, enter `CREATE TABLE <NEWTABLE> AS SELECT * FROM <ORIGINALTABLE>; COMMIT;` Then you can rename a table using the `RENAME TABLE` commit. Disable the auto commit flag at the top of the windows before performing this operation.

PRODUCT_ID	PRODUCT_NAME	PRODUCT_MANUFACTURER	PRODUCT_DESCRIPTION	PRODUCTDETAILS_SERIAL	PRODUCT_PRICE	DEPARTMENT_ID
1	iMac	Apple	Desktop	C02JT1EGDNMP	1299	4
2	iMac	Apple	Desktop	C02JT1EGDNMQ	1499	4
3	iPad Air	Apple	Tablet	DQVG7E4KDFHW	449	5
4	iPad Air	Apple	Tablet	DQVG7E4KDFHX	449	5
5	iPad Air 2	Apple	Tablet	DQVG7E4KDFHY	699	5
6	iPad Pro	Apple	Tablet	DQVG7E4KDFHZ	949	5
7	ProBook 450 G3	HP	Laptop	998ER4S93T9F	599.99	4
8	Pavilion 15	HP	Laptop	998ER4W37E7K	599.99	4
9	Envy 17t	HP	Laptop	998ER4WTFP7T	599.99	4
10	ProBook 650 G1	HP	Laptop	3NXU7SHW49K2	499.99	4
More than 10 rows available. Increase rows selector to view more rows.						

PRODUCTDETAILS_SERIAL	PRODUCTDETAILS_PROCESSOR	PRODUCTDETAILS_SPEED	PRODUCTDETAILS_RAM	PRODUCTDETAILS_STORAGE	PRODUCTDETAILS_SCREEN
C02JT1EGDNMP	Intel Core i5	2.8 GHz	16	1024	21.5
C02JT1EGDNMQ	Intel Core i5	3.1 GHz	16	1024	21.5
DQVG7E4KDFHW	A7 M7	1.3 GHz	2	32	9.7
DQVG7E4KDFHX	A7 M7	1.3 GHz	2	32	9.7
DQVG7E4KDFHY	A8X M8	1.5 GHz	4	128	9.7
DQVG7E4KDFHZ	A9X M9	2.26 GHz	8	128	12.9
UN65JS9500FX	-	-	-	-	65
UN78JS9100FX	-	-	-	-	78
UN75J6300AFX	-	-	-	-	75
998ER4S93T9F	Intel Core i7	2.5 GHz	16	1024	15.6
More than 10 rows available. Increase rows selector to view more rows.					

10. In one SQL window, decrease the price of all products by 20%. Don't commit. In another SQL window, double the memory in all computers. Don't commit. Quit both Oracle sessions. Login to Oracle and display all information. Explain your results. Disable the auto commit flag at the top of the windows before performing this operation.

```
UPDATE PRODUCT_DETAILS
SET PRODUCTDETAILS_RAM = PRODUCTDETAILS_RAM * 2;

UPDATE PRODUCTS
SET PRODUCT_PRICE * PRODUCT_PRICE * 0.80;
```

Logging into Oracle again and then using the select command, I get the same values as before because we did not commit.

11. Use the SQL DESCRIBE operation to list the table structure for all tables.

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
CUSTOMERS	CUSTOMER_ID	NUMBER	22	-	-	1	-	-	-
	CUSTOMER_FIRST	VARCHAR2	25	-	-	-	-	-	-
	CUSTOMER_LAST	VARCHAR2	25	-	-	-	-	-	-
	CUSTOMER_EMAIL	VARCHAR2	50	-	-	-	-	-	-
	CUSTOMER_ADDRESS	VARCHAR2	50	-	-	-	-	-	-
	CUSTOMER_CITY	VARCHAR2	25	-	-	-	-	-	-
	CUSTOMER_ZIP	CHAR	5	-	-	-	-	-	-
	CUSTOMER_STATE	CHAR	2	-	-	-	-	-	-
Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
DEPARTMENTS	DEPARTMENT_ID	NUMBER	22	-	-	1	-	-	-
	DEPARTMENT_NAME	VARCHAR2	25	-	-	-	-	-	-
									1 - 2
Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
LOCATIONS	LOCATION_ID	NUMBER	22	-	-	1	-	-	-
	LOCATION_ADDRESS	VARCHAR2	25	-	-	-	-	-	-
	LOCATION_CITY	VARCHAR2	25	-	-	-	-	-	-
	LOCATION_STATE	CHAR	2	-	-	-	-	-	-
	LOCATION_ZIP	CHAR	5	-	-	-	-	-	-
	LOCATION_PHONE	CHAR	12	-	-	-	-	-	-
									1 - 6

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
PRODUCT_DETAILS	PRODUCTDETAILS_SERIAL	VARCHAR2	12	-	-	1	-	-	-
	PRODUCTDETAILS_PROCESSOR	VARCHAR2	30	-	-	-	✓	-	-
	PRODUCTDETAILS_SPEED	VARCHAR2	10	-	-	-	✓	-	-
	PRODUCTDETAILS_RAM	NUMBER	22	-	-	-	✓	-	-
	PRODUCTDETAILS_STORAGE	NUMBER	22	-	-	-	✓	-	-
	PRODUCTDETAILS_SCREEN	NUMBER	22	-	-	-	✓	-	-
1 - 6									

[illegible][illegible]

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
STAFF_DEPARTMENTS	STAFFDEPARTMENT_ID	NUMBER	22	-	-	1	-	-	-
	STAFF_ID	NUMBER	22	-	-	-	-	-	-
	DEPARTMENT_ID	NUMBER	22	-	-	-	-	-	-
									1 - 3

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
STAFF_LOCATIONS	STAFFLOCATION_ID	NUMBER	22	-	-	1	-	-	-
	STAFF_ID	NUMBER	22	-	-	-	-	-	-
	LOCATION_ID	NUMBER	22	-	-	-	-	-	-
									1 - 3

[illegible]

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
TRANSACTIONS	TRANSACTION_ID	NUMBER	22	-	-	1	-	-	-
	TRANSACTION_DATE	DATE	7	-	-	-	-	-	-
	PRODUCT_ID	NUMBER	22	-	-	-	-	-	-
	STAFF_ID	NUMBER	22	-	-	-	-	-	-
	LOCATION_ID	NUMBER	22	-	-	-	-	-	-
	CUSTOMER_ID	NUMBER	22	-	-	-	-	-	-
	TRANSACTION_TOTAL	NUMBER	22	-	-	-	✓	-	-
									1 - 7

Data Insertion:

```

INSERT ALL
INTO STAFF(STAFF_ID, STAFF_FIRST, STAFF_LAST, STAFF_DOB, STAFF_SSN, STAFF_POSITION)
VALUES (1,'John','Diulus',TO_DATE('1974-02-19 00:00', 'YYYY-MM-DD HH24:MI'),'043-23-2412','Store Leader' )
INTO STAFF (STAFF_ID, STAFF_FIRST, STAFF_LAST, STAFF_DOB, STAFF_SSN, STAFF_POSITION)
VALUES (2,'Beena','Wu',TO_DATE('1991-05-24 00:00', 'YYYY-MM-DD HH24:MI'),'934-23-4546','Manager' )
INTO STAFF (STAFF_ID, STAFF_FIRST, STAFF_LAST, STAFF_DOB, STAFF_SSN, STAFF_POSITION)
VALUES (3,'Leslie','Knape',TO_DATE('1980-08-02 00:00', 'YYYY-MM-DD HH24:MI'),'034-54-7682','Manager' )
INTO STAFF (STAFF_ID, STAFF_FIRST, STAFF_LAST, STAFF_DOB, STAFF_SSN, STAFF_POSITION)
VALUES (4,'Abraham','Martinez',TO_DATE('1987-09-02 00:00', 'YYYY-MM-DD HH24:MI'),'034-23-4673','Cashier' )
INTO STAFF (STAFF_ID, STAFF_FIRST, STAFF_LAST, STAFF_DOB, STAFF_SSN, STAFF_POSITION)
VALUES (5,'John','Hopkins',TO_DATE('1986-11-23 00:00', 'YYYY-MM-DD HH24:MI'),'345-23-2135','Cashier' )
INTO STAFF (STAFF_ID, STAFF_FIRST, STAFF_LAST, STAFF_DOB, STAFF_SSN, STAFF_POSITION)
VALUES (6,'Fredrick','Murry',TO_DATE('1972-10-17 00:00', 'YYYY-MM-DD HH24:MI'),'107-82-5320','Cashier' )
INTO STAFF (STAFF_ID, STAFF_FIRST, STAFF_LAST, STAFF_DOB, STAFF_SSN, STAFF_POSITION)
VALUES (7,'Ximen','Yow',TO_DATE('1973-09-26 00:00', 'YYYY-MM-DD HH24:MI'),'234-78-4803','Cashier' )
INTO STAFF (STAFF_ID, STAFF_FIRST, STAFF_LAST, STAFF_DOB, STAFF_SSN, STAFF_POSITION)
VALUES (8,'Vittore','Huckabee',TO_DATE('1955-12-17 00:00', 'YYYY-MM-DD HH24:MI'),'675-40-7788','Cashier' )
INTO STAFF (STAFF_ID, STAFF_FIRST, STAFF_LAST, STAFF_DOB, STAFF_SSN, STAFF_POSITION)
VALUES (9,'Milburn','Urena',TO_DATE('1983-09-27 00:00', 'YYYY-MM-DD HH24:MI'),'649-54-0265','Technician' )
INTO STAFF (STAFF_ID, STAFF_FIRST, STAFF_LAST, STAFF_DOB, STAFF_SSN, STAFF_POSITION)
VALUES (10,'Melvyn','Dempsey',TO_DATE('1969-12-23 00:00', 'YYYY-MM-DD HH24:MI'),'369-14-6571','Technician' )
INTO STAFF (STAFF_ID, STAFF_FIRST, STAFF_LAST, STAFF_DOB, STAFF_SSN, STAFF_POSITION)
VALUES (11,'Sarosh','Clauson',TO_DATE('1967-05-21 00:00', 'YYYY-MM-DD HH24:MI'),'173-24-8173','Technician' )
INTO STAFF (STAFF_ID, STAFF_FIRST, STAFF_LAST, STAFF_DOB, STAFF_SSN, STAFF_POSITION)
VALUES (12,'Madhavi','Merten',TO_DATE('1983-08-31 00:00', 'YYYY-MM-DD HH24:MI'),'697-07-5330','Technician' )
INTO STAFF (STAFF_ID, STAFF_FIRST, STAFF_LAST, STAFF_DOB, STAFF_SSN, STAFF_POSITION)
VALUES (13,'Kumari','Bolt',TO_DATE('1985-06-16 00:00', 'YYYY-MM-DD HH24:MI'),'476-32-7891','Technician' )
INTO STAFF (STAFF_ID, STAFF_FIRST, STAFF_LAST, STAFF_DOB, STAFF_SSN, STAFF_POSITION)
VALUES (14,'Angevin','Lindberg',TO_DATE('1953-08-23 00:00', 'YYYY-MM-DD HH24:MI'),'174-76-2642','Installation')
INTO STAFF (STAFF_ID, STAFF_FIRST, STAFF_LAST, STAFF_DOB, STAFF_SSN, STAFF_POSITION)
VALUES (15,'Mora','Goforth',TO_DATE('1972-05-03 00:00', 'YYYY-MM-DD HH24:MI'),'446-28-8130','Installation' )
INTO STAFF (STAFF_ID, STAFF_FIRST, STAFF_LAST, STAFF_DOB, STAFF_SSN, STAFF_POSITION)
VALUES (16,'Casandra','Silverberg',TO_DATE('1961-12-09 00:00', 'YYYY-MM-DD HH24:MI'),'530-17-9007','Sales Associate' )
INTO STAFF (STAFF_ID, STAFF_FIRST, STAFF_LAST, STAFF_DOB, STAFF_SSN, STAFF_POSITION)
VALUES (17,'Amol','Parris',TO_DATE('1973-03-08 00:00', 'YYYY-MM-DD HH24:MI'),'225-96-7798','Sales Associate' )
INTO STAFF (STAFF_ID, STAFF_FIRST, STAFF_LAST, STAFF_DOB, STAFF_SSN, STAFF_POSITION)
VALUES (18,'Aldridge','Gudino',TO_DATE('1986-06-19 00:00', 'YYYY-MM-DD HH24:MI'),'528-97-0596','Sales Associate' )
INTO STAFF (STAFF_ID, STAFF_FIRST, STAFF_LAST, STAFF_DOB, STAFF_SSN, STAFF_POSITION)
VALUES (19,'Ian','Mull',TO_DATE('1989-03-03 00:00', 'YYYY-MM-DD HH24:MI'),'029-22-3749','Sales Associate' )
INTO STAFF (STAFF_ID, STAFF_FIRST, STAFF_LAST, STAFF_DOB, STAFF_SSN, STAFF_POSITION)
VALUES (20,'Almedha','Nalley',TO_DATE('1971-09-09 00:00', 'YYYY-MM-DD HH24:MI'),'411-97-6717','Sales Associate' )
SELECT * FROM DUAL;

```



```
INSERT ALL
INTO STAFF_DEPARTMENTS(STAFFDEPARTMENT_ID,STAFF_ID,DEPARTMENT_ID)
VALUES(1,1,1 )
INTO STAFF_DEPARTMENTS(STAFFDEPARTMENT_ID,STAFF_ID,DEPARTMENT_ID)
VALUES(2,2,2 )
INTO STAFF_DEPARTMENTS(STAFFDEPARTMENT_ID,STAFF_ID,DEPARTMENT_ID)
VALUES(3,2,3 )
INTO STAFF_DEPARTMENTS(STAFFDEPARTMENT_ID,STAFF_ID,DEPARTMENT_ID)
VALUES(4,3,4 )
INTO STAFF_DEPARTMENTS(STAFFDEPARTMENT_ID,STAFF_ID,DEPARTMENT_ID)
VALUES(5,3,5 )
INTO STAFF_DEPARTMENTS(STAFFDEPARTMENT_ID,STAFF_ID,DEPARTMENT_ID)
VALUES(6,4,6 )
INTO STAFF_DEPARTMENTS(STAFFDEPARTMENT_ID,STAFF_ID,DEPARTMENT_ID)
VALUES(7,4,7 )
INTO STAFF_DEPARTMENTS(STAFFDEPARTMENT_ID,STAFF_ID,DEPARTMENT_ID)
VALUES(8,5,8 )
INTO STAFF_DEPARTMENTS(STAFFDEPARTMENT_ID,STAFF_ID,DEPARTMENT_ID)
VALUES(9,5,9 )
INTO STAFF_DEPARTMENTS(STAFFDEPARTMENT_ID,STAFF_ID,DEPARTMENT_ID)
VALUES(10,6,10 )
INTO STAFF_DEPARTMENTS(STAFFDEPARTMENT_ID,STAFF_ID,DEPARTMENT_ID)
VALUES(11,18,1 )
INTO STAFF_DEPARTMENTS(STAFFDEPARTMENT_ID,STAFF_ID,DEPARTMENT_ID)
VALUES(12,7,2 )
INTO STAFF_DEPARTMENTS(STAFFDEPARTMENT_ID,STAFF_ID,DEPARTMENT_ID)
VALUES(13,19,3 )
INTO STAFF_DEPARTMENTS(STAFFDEPARTMENT_ID,STAFF_ID,DEPARTMENT_ID)
VALUES(14,8,4 )
INTO STAFF_DEPARTMENTS(STAFFDEPARTMENT_ID,STAFF_ID,DEPARTMENT_ID)
VALUES(15,8,5 )
INTO STAFF_DEPARTMENTS(STAFFDEPARTMENT_ID,STAFF_ID,DEPARTMENT_ID)
VALUES(16,20,6 )
INTO STAFF_DEPARTMENTS(STAFFDEPARTMENT_ID,STAFF_ID,DEPARTMENT_ID)
VALUES(17,9,7 )
INTO STAFF_DEPARTMENTS(STAFFDEPARTMENT_ID,STAFF_ID,DEPARTMENT_ID)
VALUES(18,10,8 )
INTO STAFF_DEPARTMENTS(STAFFDEPARTMENT_ID,STAFF_ID,DEPARTMENT_ID)
VALUES(19,10,9 )
INTO STAFF_DEPARTMENTS(STAFFDEPARTMENT_ID,STAFF_ID,DEPARTMENT_ID)
VALUES(20,11,10)
INTO STAFF_DEPARTMENTS(STAFFDEPARTMENT_ID,STAFF_ID,DEPARTMENT_ID)
VALUES(21,12,1 )
INTO STAFF_DEPARTMENTS(STAFFDEPARTMENT_ID,STAFF_ID,DEPARTMENT_ID)
VALUES(22,13,2 )
INTO STAFF_DEPARTMENTS(STAFFDEPARTMENT_ID,STAFF_ID,DEPARTMENT_ID)
VALUES(23,14,3 )
INTO STAFF_DEPARTMENTS(STAFFDEPARTMENT_ID,STAFF_ID,DEPARTMENT_ID)
VALUES(24,15,4 )
INTO STAFF_DEPARTMENTS(STAFFDEPARTMENT_ID,STAFF_ID,DEPARTMENT_ID)
VALUES(25,16,5 )
SELECT * FROM DUAL;
```

```
INSERT ALL
INTO STAFF_LOCATIONS(STAFFLOCATION_ID,STAFF_ID,LOCATION_ID)
VALUES(1,16,1115 )
INTO STAFF_LOCATIONS(STAFFLOCATION_ID,STAFF_ID,LOCATION_ID)
VALUES(2,16,471 )
INTO STAFF_LOCATIONS(STAFFLOCATION_ID,STAFF_ID,LOCATION_ID)
VALUES(3,16,483 )
INTO STAFF_LOCATIONS(STAFFLOCATION_ID,STAFF_ID,LOCATION_ID)
VALUES(4,1,2984 )
INTO STAFF_LOCATIONS(STAFFLOCATION_ID,STAFF_ID,LOCATION_ID)
VALUES(5,1,950 )
INTO STAFF_LOCATIONS(STAFFLOCATION_ID,STAFF_ID,LOCATION_ID)
VALUES(6,17,483 )
INTO STAFF_LOCATIONS(STAFFLOCATION_ID,STAFF_ID,LOCATION_ID)
VALUES(7,18,478 )
INTO STAFF_LOCATIONS(STAFFLOCATION_ID,STAFF_ID,LOCATION_ID)
VALUES(8,18,2986 )
INTO STAFF_LOCATIONS(STAFFLOCATION_ID,STAFF_ID,LOCATION_ID)
VALUES(9,18,1115 )
INTO STAFF_LOCATIONS(STAFFLOCATION_ID,STAFF_ID,LOCATION_ID)
VALUES(10,19,1891)
INTO STAFF_LOCATIONS(STAFFLOCATION_ID,STAFF_ID,LOCATION_ID)
VALUES(11,19,950 )
INTO STAFF_LOCATIONS(STAFFLOCATION_ID,STAFF_ID,LOCATION_ID)
VALUES(12,19,950 )
INTO STAFF_LOCATIONS(STAFFLOCATION_ID,STAFF_ID,LOCATION_ID)
VALUES(13,4,2986 )
INTO STAFF_LOCATIONS(STAFFLOCATION_ID,STAFF_ID,LOCATION_ID)
VALUES(14,7,950 )
INTO STAFF_LOCATIONS(STAFFLOCATION_ID,STAFF_ID,LOCATION_ID)
VALUES(15,2,471 )
INTO STAFF_LOCATIONS(STAFFLOCATION_ID,STAFF_ID,LOCATION_ID)
VALUES(16,3,1172 )
INTO STAFF_LOCATIONS(STAFFLOCATION_ID,STAFF_ID,LOCATION_ID)
VALUES(17,8,1891 )
INTO STAFF_LOCATIONS(STAFFLOCATION_ID,STAFF_ID,LOCATION_ID)
VALUES(18,9,478 )
INTO STAFF_LOCATIONS(STAFFLOCATION_ID,STAFF_ID,LOCATION_ID)
VALUES(19,15,483 )
INTO STAFF_LOCATIONS(STAFFLOCATION_ID,STAFF_ID,LOCATION_ID)
VALUES(20,13,2984)
INTO STAFF_LOCATIONS(STAFFLOCATION_ID,STAFF_ID,LOCATION_ID)
VALUES(21,12,1891)
INTO STAFF_LOCATIONS(STAFFLOCATION_ID,STAFF_ID,LOCATION_ID)
VALUES(22,11,1172)
INTO STAFF_LOCATIONS(STAFFLOCATION_ID,STAFF_ID,LOCATION_ID)
VALUES(23,5,1891 )
INTO STAFF_LOCATIONS(STAFFLOCATION_ID,STAFF_ID,LOCATION_ID)
VALUES(24,20,1172)
SELECT * FROM DUAL;
```

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INSERT ALL
INTO PRODUCT_DETAILS(PRODUCTDETAILS_SERIAL,PRODUCTDETAILS_PROCESSOR,PRODUCTDETAILS_SPEED,PRODUCTDETAILS_RAM,PRODUCTDETAILS_STORAGE,PRODUCTDETAILS_SCREEN)
VALUES('C02JT1EGDNMP','Intel Core i5','2.8 GHz',8,1024,21.5 )
INTO PRODUCT_DETAILS(PRODUCTDETAILS_SERIAL,PRODUCTDETAILS_PROCESSOR,PRODUCTDETAILS_SPEED,PRODUCTDETAILS_RAM,PRODUCTDETAILS_STORAGE,PRODUCTDETAILS_SCREEN)
VALUES('C02JT1EGDNMQ','Intel Core i5','3.1 GHz',8,1024,21.5 )
INTO PRODUCT_DETAILS(PRODUCTDETAILS_SERIAL,PRODUCTDETAILS_PROCESSOR,PRODUCTDETAILS_SPEED,PRODUCTDETAILS_RAM,PRODUCTDETAILS_STORAGE,PRODUCTDETAILS_SCREEN)
VALUES('DQVG7E4KDFHW','A7 M7','1.3 GHz',1,32,9.7 )
INTO PRODUCT_DETAILS(PRODUCTDETAILS_SERIAL,PRODUCTDETAILS_PROCESSOR,PRODUCTDETAILS_SPEED,PRODUCTDETAILS_RAM,PRODUCTDETAILS_STORAGE,PRODUCTDETAILS_SCREEN)
VALUES('DQVG7E4KDFHX','A7 M7','1.3 GHz',1,32,9.7 )
INTO PRODUCT_DETAILS(PRODUCTDETAILS_SERIAL,PRODUCTDETAILS_PROCESSOR,PRODUCTDETAILS_SPEED,PRODUCTDETAILS_RAM,PRODUCTDETAILS_STORAGE,PRODUCTDETAILS_SCREEN)
VALUES('DQVG7E4KDFHY','A8X M8','1.5 GHz',2,128,9.7 )
INTO PRODUCT_DETAILS(PRODUCTDETAILS_SERIAL,PRODUCTDETAILS_PROCESSOR,PRODUCTDETAILS_SPEED,PRODUCTDETAILS_RAM,PRODUCTDETAILS_STORAGE,PRODUCTDETAILS_SCREEN)
VALUES('DQVG7E4KDFHZ','A9X M9','2.26 GHz',4,128,12.9 )
INTO PRODUCT_DETAILS(PRODUCTDETAILS_SERIAL,PRODUCTDETAILS_SCREEN)
VALUES('UN65J59500FX',65 )
INTO PRODUCT_DETAILS(PRODUCTDETAILS_SERIAL,PRODUCTDETAILS_SCREEN)
VALUES('UN78J59100FX',78 )
INTO PRODUCT_DETAILS(PRODUCTDETAILS_SERIAL,PRODUCTDETAILS_SCREEN)
VALUES('UN75J6300AFX',75 )
INTO PRODUCT_DETAILS(PRODUCTDETAILS_SERIAL,PRODUCTDETAILS_PROCESSOR,PRODUCTDETAILS_SPEED,PRODUCTDETAILS_RAM,PRODUCTDETAILS_STORAGE,PRODUCTDETAILS_SCREEN)
VALUES('998ER4S93T9F','Intel Core i7','2.5 GHz',8,1024,15.6 )
INTO PRODUCT_DETAILS(PRODUCTDETAILS_SERIAL,PRODUCTDETAILS_PROCESSOR,PRODUCTDETAILS_SPEED,PRODUCTDETAILS_RAM,PRODUCTDETAILS_STORAGE,PRODUCTDETAILS_SCREEN)
VALUES('998ER4W37E7K','Intel Core i7','2.5 GHz',8,1024,15.6 )
INTO PRODUCT_DETAILS(PRODUCTDETAILS_SERIAL,PRODUCTDETAILS_PROCESSOR,PRODUCTDETAILS_SPEED,PRODUCTDETAILS_RAM,PRODUCTDETAILS_STORAGE,PRODUCTDETAILS_SCREEN)
VALUES('998ER4WTFP7T','Intel Core i7','2 GHz',16,1024,17.3 )
INTO PRODUCT_DETAILS(PRODUCTDETAILS_SERIAL,PRODUCTDETAILS_PROCESSOR,PRODUCTDETAILS_SPEED,PRODUCTDETAILS_RAM,PRODUCTDETAILS_STORAGE,PRODUCTDETAILS_SCREEN)
VALUES('3NXU7SHW49K2','Intel Core i7','4 GHz',8,500,15.6 )
INTO PRODUCT_DETAILS(PRODUCTDETAILS_SERIAL,PRODUCTDETAILS_PROCESSOR,PRODUCTDETAILS_SPEED,PRODUCTDETAILS_RAM,PRODUCTDETAILS_STORAGE,PRODUCTDETAILS_SCREEN)
VALUES('5SPVXP6W7B4V','Intel Core i7','3 GHz',4,500,14 )
INTO PRODUCT_DETAILS(PRODUCTDETAILS_SERIAL,PRODUCTDETAILS_PROCESSOR,PRODUCTDETAILS_SPEED,PRODUCTDETAILS_RAM,PRODUCTDETAILS_STORAGE,PRODUCTDETAILS_SCREEN)
VALUES('BU142E3HSE0','Intel Core i7','2.6 GHz',8,180,12.5 )
INTO PRODUCT_DETAILS(PRODUCTDETAILS_SERIAL,PRODUCTDETAILS_PROCESSOR,PRODUCTDETAILS_SPEED,PRODUCTDETAILS_RAM,PRODUCTDETAILS_STORAGE,PRODUCTDETAILS_SCREEN)
VALUES('HA3JVYDEM12','Intel Core i7','2.6 GHz',24,1024,17.3 )
INTO PRODUCT_DETAILS(PRODUCTDETAILS_SERIAL,PRODUCTDETAILS_PROCESSOR,PRODUCTDETAILS_SPEED,PRODUCTDETAILS_RAM,PRODUCTDETAILS_STORAGE,PRODUCTDETAILS_SCREEN)
VALUES('PMUZD7QTP4V2','Intel Core i7','2.6 GHz',16,256,17.3 )
INTO PRODUCT_DETAILS(PRODUCTDETAILS_SERIAL)
VALUES('LM3VW5ZM8D1M')
INTO PRODUCT_DETAILS(PRODUCTDETAILS_SERIAL)
VALUES('8A0QJG03TJW3')
SELECT * FROM DUAL;
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INSERT ALL
INTO PRODUCTS(PRODUCT_ID,PRODUCT_NAME,PRODUCT_MANUFACTURER,PRODUCT_DESCRIPTION,PRODUCTDETAILS_SERIAL,PRODUCT_PRICE,DEPARTMENT_ID)
VALUES(1,'iMac','Apple','Desktop','C02JT1EGDNMP',1299,4
)
INTO PRODUCTS(PRODUCT_ID,PRODUCT_NAME,PRODUCT_MANUFACTURER,PRODUCT_DESCRIPTION,PRODUCTDETAILS_SERIAL,PRODUCT_PRICE,DEPARTMENT_ID)
VALUES(2,'iMac','Apple','Desktop','C02JT1EGDNMQ',1499,4
)
INTO PRODUCTS(PRODUCT_ID,PRODUCT_NAME,PRODUCT_MANUFACTURER,PRODUCT_DESCRIPTION,PRODUCTDETAILS_SERIAL,PRODUCT_PRICE,DEPARTMENT_ID)
VALUES(3,'iPad Air','Apple','Tablet','DQVG7E4KDFHM',449,5
)
INTO PRODUCTS(PRODUCT_ID,PRODUCT_NAME,PRODUCT_MANUFACTURER,PRODUCT_DESCRIPTION,PRODUCTDETAILS_SERIAL,PRODUCT_PRICE,DEPARTMENT_ID)
VALUES(4,'iPad Air','Apple','Tablet','DQVG7E4KDFHX',449,5
)
INTO PRODUCTS(PRODUCT_ID,PRODUCT_NAME,PRODUCT_MANUFACTURER,PRODUCT_DESCRIPTION,PRODUCTDETAILS_SERIAL,PRODUCT_PRICE,DEPARTMENT_ID)
VALUES(5,'iPad Air 2','Apple','Tablet','DQVG7E4KDFHY',699,5
)
INTO PRODUCTS(PRODUCT_ID,PRODUCT_NAME,PRODUCT_MANUFACTURER,PRODUCT_DESCRIPTION,PRODUCTDETAILS_SERIAL,PRODUCT_PRICE,DEPARTMENT_ID)
VALUES(6,'iPad Pro','Apple','Tablet','DQVG7E4KDFHZ',949,5
)
INTO PRODUCTS(PRODUCT_ID,PRODUCT_NAME,PRODUCT_MANUFACTURER,PRODUCT_DESCRIPTION,PRODUCTDETAILS_SERIAL,PRODUCT_PRICE,DEPARTMENT_ID)
VALUES(7,'ProBook 450 G3','HP','Laptop','998ER4S93T9F',599.99,4
)
INTO PRODUCTS(PRODUCT_ID,PRODUCT_NAME,PRODUCT_MANUFACTURER,PRODUCT_DESCRIPTION,PRODUCTDETAILS_SERIAL,PRODUCT_PRICE,DEPARTMENT_ID)
VALUES(8,'Pavilion 15','HP','Laptop','998ER4W37E7K',599.99,4
)
INTO PRODUCTS(PRODUCT_ID,PRODUCT_NAME,PRODUCT_MANUFACTURER,PRODUCT_DESCRIPTION,PRODUCTDETAILS_SERIAL,PRODUCT_PRICE,DEPARTMENT_ID)
VALUES(9,'Envy 17t','HP','Laptop','998ER4WTFP7T',599.99,4
)
INTO PRODUCTS(PRODUCT_ID,PRODUCT_NAME,PRODUCT_MANUFACTURER,PRODUCT_DESCRIPTION,PRODUCTDETAILS_SERIAL,PRODUCT_PRICE,DEPARTMENT_ID)
VALUES(10,'ProBook 650 G1','HP','Laptop','3NXU7SHW49K2',499.99,4
)
INTO PRODUCTS(PRODUCT_ID,PRODUCT_NAME,PRODUCT_MANUFACTURER,PRODUCT_DESCRIPTION,PRODUCTDETAILS_SERIAL,PRODUCT_PRICE,DEPARTMENT_ID)
VALUES(11,'ProBook 640 G1','HP','Laptop','5SPVPX6W7B4V',359.99,4
)
INTO PRODUCTS(PRODUCT_ID,PRODUCT_NAME,PRODUCT_MANUFACTURER,PRODUCT_DESCRIPTION,PRODUCTDETAILS_SERIAL,PRODUCT_PRICE,DEPARTMENT_ID)
VALUES(12,'EliteBook 820 G2','HP','Laptop','BU142E3HSE0C',849.99,4
)
INTO PRODUCTS(PRODUCT_ID,PRODUCT_NAME,PRODUCT_MANUFACTURER,PRODUCT_DESCRIPTION,PRODUCT_PRICE,DEPARTMENT_ID)
VALUES(13,'Ratchet and Clank','Insomniac','Video Game',39.99,8
)
INTO PRODUCTS(PRODUCT_ID,PRODUCT_NAME,PRODUCT_MANUFACTURER,PRODUCT_DESCRIPTION,PRODUCT_PRICE,DEPARTMENT_ID)
VALUES(14,'Ratchet and Clank 2','Insomniac','Video Game',49.99,8
)
INTO PRODUCTS(PRODUCT_ID,PRODUCT_NAME,PRODUCT_MANUFACTURER,PRODUCT_DESCRIPTION,PRODUCT_PRICE,DEPARTMENT_ID)
VALUES(15,'Grand Theft Auto 5','Rockstar','Video Game',59.99,8
)
INTO PRODUCTS(PRODUCT_ID,PRODUCT_NAME,PRODUCT_MANUFACTURER,PRODUCT_DESCRIPTION,PRODUCTDETAILS_SERIAL,PRODUCT_PRICE,DEPARTMENT_ID)
VALUES(16,'WF45H6300AG','Samsung','Washer','LM3VW5ZM8D1M',1250,3
)
INTO PRODUCTS(PRODUCT_ID,PRODUCT_NAME,PRODUCT_MANUFACTURER,PRODUCT_DESCRIPTION,PRODUCTDETAILS_SERIAL,PRODUCT_PRICE,DEPARTMENT_ID)
VALUES(17,'WA48H7400AW','Samsung','Washer','8A0QJG03TJW3',475,3
)
INTO PRODUCTS(PRODUCT_ID,PRODUCT_NAME,PRODUCT_MANUFACTURER,PRODUCT_DESCRIPTION,PRODUCTDETAILS_SERIAL,PRODUCT_PRICE,DEPARTMENT_ID)
VALUES(18,'ROG G751JY-DB72','Asus','Laptop','HA3JVYYDEM1Z',1299,4
)
INTO PRODUCTS(PRODUCT_ID,PRODUCT_NAME,PRODUCT_MANUFACTURER,PRODUCT_DESCRIPTION,PRODUCTDETAILS_SERIAL,PRODUCT_PRICE,DEPARTMENT_ID)
VALUES(19,'ROG G751JT-DB73','Asus','Laptop','PMUZD7QTP4V2',1395,4
)
INTO PRODUCTS(PRODUCT_ID,PRODUCT_NAME,PRODUCT_MANUFACTURER,PRODUCT_DESCRIPTION,PRODUCTDETAILS_SERIAL,PRODUCT_PRICE,DEPARTMENT_ID)
VALUES(20,'4K SUHD JS9500 Series Curved Smart TV','Samsung','Television','UN65JS9500FX',3999.99,6)
INTO PRODUCTS(PRODUCT_ID,PRODUCT_NAME,PRODUCT_MANUFACTURER,PRODUCT_DESCRIPTION,PRODUCTDETAILS_SERIAL,PRODUCT_PRICE,DEPARTMENT_ID)
VALUES(21,'4K SUHD JS9100 Series Curved Smart TV','Samsung','Television','UN78JS9100FX',7999.99,6)
INTO PRODUCTS(PRODUCT_ID,PRODUCT_NAME,PRODUCT_MANUFACTURER,PRODUCT_DESCRIPTION,PRODUCTDETAILS_SERIAL,PRODUCT_PRICE,DEPARTMENT_ID)
VALUES(22,'LED J6300 Series Smart TV','Samsung','Television','UN75J6300AFX',1999.99,6
)
SELECT * FROM DUAL;
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INSERT ALL
INTO LOCATIONS(LOCATION_ID, LOCATION_ADDRESS, LOCATION_CITY, LOCATION_STATE, LOCATION_ZIP, LOCATION_PHONE)
VALUES(1115, '13107 40TH RD','FLUSHING','NY', 11354, '718-888-3629')
INTO LOCATIONS(LOCATION_ID, LOCATION_ADDRESS, LOCATION_CITY, LOCATION_STATE, LOCATION_ZIP, LOCATION_PHONE)
VALUES(2984, '9015 QUEENS BLVD','ELMHURST','NY', 11373, '718-592-5615')
INTO LOCATIONS(LOCATION_ID, LOCATION_ADDRESS, LOCATION_CITY, LOCATION_STATE, LOCATION_ZIP, LOCATION_PHONE)
VALUES(483, '8801 QUEENS BLVD','ELMHURST', 'NY', 11373, '718-393-2690')
INTO LOCATIONS(LOCATION_ID, LOCATION_ADDRESS, LOCATION_CITY, LOCATION_STATE, LOCATION_ZIP, LOCATION_PHONE)
VALUES(478, '5001 NORTHERN BLVD', 'LONG ISLAND CITY','NY', 11101, '718-626-7585')
INTO LOCATIONS(LOCATION_ID, LOCATION_ADDRESS, LOCATION_CITY, LOCATION_STATE, LOCATION_ZIP, LOCATION_PHONE)
VALUES(1891, '402 E FORDHAM RD','BRONX','NY',10458,'718-329-8788')
INTO LOCATIONS(LOCATION_ID, LOCATION_ADDRESS, LOCATION_CITY, LOCATION_STATE, LOCATION_ZIP, LOCATION_PHONE)
VALUES(1172, '610 EXTERIOR ST','BRONX','NY',10451,'718-402-2932')
INTO LOCATIONS(LOCATION_ID, LOCATION_ADDRESS, LOCATION_CITY, LOCATION_STATE, LOCATION_ZIP, LOCATION_PHONE)
VALUES(471, '555 E SANDFORD BLVD', 'MOUNT VERNON','NY',10550,'914-664-4425')
INTO LOCATIONS(LOCATION_ID, LOCATION_ADDRESS, LOCATION_CITY, LOCATION_STATE, LOCATION_ZIP, LOCATION_PHONE)
VALUES(950, '6 WEST CIRCLE DR','VALLEY STREAM','NY',11581,'516-561-7213')
INTO LOCATIONS(LOCATION_ID, LOCATION_ADDRESS, LOCATION_CITY, LOCATION_STATE, LOCATION_ZIP, LOCATION_PHONE)
VALUES(2986, '2050 GREEN ACRES MALL','VALLEY STREAM','NY',11581,'516-593-1169')
SELECT * FROM DUAL;
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INSERT ALL
INTO DEPARTMENTS(DEPARTMENT_ID, DEPARTMENT_NAME)
VALUES(1,'Music')
INTO DEPARTMENTS(DEPARTMENT_ID, DEPARTMENT_NAME)
VALUES(2,'Movies')
INTO DEPARTMENTS(DEPARTMENT_ID, DEPARTMENT_NAME)
VALUES(3,'Appliances')
INTO DEPARTMENTS(DEPARTMENT_ID, DEPARTMENT_NAME)
VALUES(4,'Computers')
INTO DEPARTMENTS(DEPARTMENT_ID, DEPARTMENT_NAME)
VALUES(5,'Electronics')
INTO DEPARTMENTS(DEPARTMENT_ID, DEPARTMENT_NAME)
VALUES(6,'Televisions')
INTO DEPARTMENTS(DEPARTMENT_ID, DEPARTMENT_NAME)
VALUES(7,'Home Theater')
INTO DEPARTMENTS(DEPARTMENT_ID, DEPARTMENT_NAME)
VALUES(8,'Video Games')
INTO DEPARTMENTS(DEPARTMENT_ID, DEPARTMENT_NAME)
VALUES(9,'Accessories')
INTO DEPARTMENTS(DEPARTMENT_ID, DEPARTMENT_NAME)
VALUES(10,'Customer Service')
SELECT * FROM DUAL;
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INSERT ALL
INTO CUSTOMERS(CUSTOMER_ID,CUSTOMER_FIRST,CUSTOMER_LAST,CUSTOMER_EMAIL,CUSTOMER_ADDRESS,CUSTOMER_CITY,CUSTOMER_ZIP,CUSTOMER_STATE,CUSTOMER_COUNTRY)
VALUES(1,'DAVID','GIOIA','DAVIDGIOIA@DAYREP.COM','4608 SMALL STREET','NEW YORK','10004','NY','UNITED STATES')
INTO CUSTOMERS(CUSTOMER_ID,CUSTOMER_FIRST,CUSTOMER_LAST,CUSTOMER_EMAIL,CUSTOMER_ADDRESS,CUSTOMER_CITY,CUSTOMER_ZIP,CUSTOMER_STATE,CUSTOMER_COUNTRY)
VALUES(2,'MINNIE','WISNIEWSKI','MINNIEWISNIEWSKI@ARMYSPY.COM','2018 FARNUM ROAD','NEW YORK','10048','NY','UNITED STATES')
INTO CUSTOMERS(CUSTOMER_ID,CUSTOMER_FIRST,CUSTOMER_LAST,CUSTOMER_EMAIL,CUSTOMER_ADDRESS,CUSTOMER_CITY,CUSTOMER_ZIP,CUSTOMER_STATE,CUSTOMER_COUNTRY)
VALUES(3,'ERLINE','CARLISLE','ERLINECARLISLE@DAYREP.COM','417 TAYLOR STREET','NEW YORK','10001','NY','UNITED STATES')
INTO CUSTOMERS(CUSTOMER_ID,CUSTOMER_FIRST,CUSTOMER_LAST,CUSTOMER_EMAIL,CUSTOMER_ADDRESS,CUSTOMER_CITY,CUSTOMER_ZIP,CUSTOMER_STATE,CUSTOMER_COUNTRY)
VALUES(4,'LINDSAY','RIVERA','LINDSAYRIVERA@ARMYSPY.COM','2261 BENEDUM DRIVE','PINE ISLAND','10969','NY','UNITED STATES')
INTO CUSTOMERS(CUSTOMER_ID,CUSTOMER_FIRST,CUSTOMER_LAST,CUSTOMER_EMAIL,CUSTOMER_ADDRESS,CUSTOMER_CITY,CUSTOMER_ZIP,CUSTOMER_STATE,CUSTOMER_COUNTRY)
VALUES(5,'MATTHEW','NELSON','MATTHEWANELSON@TELEWORM.US','953 CHERRY RIDGE DRIVE','LE ROY','14482','NY','UNITED STATES')
INTO CUSTOMERS(CUSTOMER_ID,CUSTOMER_FIRST,CUSTOMER_LAST,CUSTOMER_EMAIL,CUSTOMER_ADDRESS,CUSTOMER_CITY,CUSTOMER_ZIP,CUSTOMER_STATE,CUSTOMER_COUNTRY)
VALUES(6,'SARAH','BAKER','SARAHLBAKER@TELEWORM.US','3837 NUZUM COURT','BUFFALO','14214','NY','UNITED STATES')
INTO CUSTOMERS(CUSTOMER_ID,CUSTOMER_FIRST,CUSTOMER_LAST,CUSTOMER_EMAIL,CUSTOMER_ADDRESS,CUSTOMER_CITY,CUSTOMER_ZIP,CUSTOMER_STATE,CUSTOMER_COUNTRY)
VALUES(7,'KRISTINA','JENSEN','KRISTINADJENSEN@DAYREP.COM','400 BELL STREET','NEW YORK','10019','NY','UNITED STATES')
INTO CUSTOMERS(CUSTOMER_ID,CUSTOMER_FIRST,CUSTOMER_LAST,CUSTOMER_EMAIL,CUSTOMER_ADDRESS,CUSTOMER_CITY,CUSTOMER_ZIP,CUSTOMER_STATE,CUSTOMER_COUNTRY)
VALUES(8,'DOUG','WOOLARD','DOUGDWOOLARD@DAYREP.COM','3854 STANLEY AVENUE','HUNTINGTON','11743','NY','UNITED STATES')
INTO CUSTOMERS(CUSTOMER_ID,CUSTOMER_FIRST,CUSTOMER_LAST,CUSTOMER_EMAIL,CUSTOMER_ADDRESS,CUSTOMER_CITY,CUSTOMER_ZIP,CUSTOMER_STATE,CUSTOMER_COUNTRY)
VALUES(9,'SUSAN','GRAHAM','SUSANDGRAHAM@DAYREP.COM','3216 STANLEY AVENUE','GARDEN CITY','11530','NY','UNITED STATES')
INTO CUSTOMERS(CUSTOMER_ID,CUSTOMER_FIRST,CUSTOMER_LAST,CUSTOMER_EMAIL,CUSTOMER_ADDRESS,CUSTOMER_CITY,CUSTOMER_ZIP,CUSTOMER_STATE,CUSTOMER_COUNTRY)
VALUES(10,'JEREMY','COURTNEY','JEREMYCOURTNEY@DAYREP.COM','3592 HINKLE DEEGAN LAKE ROAD','BINGHAMTON','13901','NY','UNITED STATES')
INTO CUSTOMERS(CUSTOMER_ID,CUSTOMER_FIRST,CUSTOMER_LAST,CUSTOMER_EMAIL,CUSTOMER_ADDRESS,CUSTOMER_CITY,CUSTOMER_ZIP,CUSTOMER_STATE,CUSTOMER_COUNTRY)
VALUES(11,'TERRY','DOLAN','TERRYJDOLAN@JOURRAPIDE.COM','1736 GENEVA STREET','NEW YORK','10016','NY','UNITED STATES')
INTO CUSTOMERS(CUSTOMER_ID,CUSTOMER_FIRST,CUSTOMER_LAST,CUSTOMER_EMAIL,CUSTOMER_ADDRESS,CUSTOMER_CITY,CUSTOMER_ZIP,CUSTOMER_STATE,CUSTOMER_COUNTRY)
VALUES(12,'HELEN','MENEFFEE','HELENRMENEFFEE@JOURRAPIDE.COM','1088 GODFREY ROAD','NEW YORK','10007','NY','UNITED STATES')
INTO CUSTOMERS(CUSTOMER_ID,CUSTOMER_FIRST,CUSTOMER_LAST,CUSTOMER_EMAIL,CUSTOMER_ADDRESS,CUSTOMER_CITY,CUSTOMER_ZIP,CUSTOMER_STATE,CUSTOMER_COUNTRY)
VALUES(13,'MITCH','SWEENEY','MITCHBSWEENEY@RHYTA.COM','3497 CHERRY RIDGE DRIVE','BUFFALO','14202','NY','UNITED STATES')
INTO CUSTOMERS(CUSTOMER_ID,CUSTOMER_FIRST,CUSTOMER_LAST,CUSTOMER_EMAIL,CUSTOMER_ADDRESS,CUSTOMER_CITY,CUSTOMER_ZIP,CUSTOMER_STATE,CUSTOMER_COUNTRY)
VALUES(14,'EMILY','FIELDS','EMILYBFIELDS@TELEWORM.US','4812 FEATHERS HOOVES DRIVE','WESTBURY','11590','NY','UNITED STATES')
INTO CUSTOMERS(CUSTOMER_ID,CUSTOMER_FIRST,CUSTOMER_LAST,CUSTOMER_EMAIL,CUSTOMER_ADDRESS,CUSTOMER_CITY,CUSTOMER_ZIP,CUSTOMER_STATE,CUSTOMER_COUNTRY)
VALUES(15,'JOHN','NATALE','JOHNRNATALE@RHYTA.COM','1067 SMALL STREET','NEW YORK','10018','NY','UNITED STATES')
INTO CUSTOMERS(CUSTOMER_ID,CUSTOMER_FIRST,CUSTOMER_LAST,CUSTOMER_EMAIL,CUSTOMER_ADDRESS,CUSTOMER_CITY,CUSTOMER_ZIP,CUSTOMER_STATE,CUSTOMER_COUNTRY)
VALUES(16,'MICHAEL','PUGH','MICHAELBPUGH@TELEWORM.US','1919 GERALDINE LANE','WESTBURY','11590','NY','UNITED STATES')
INTO CUSTOMERS(CUSTOMER_ID,CUSTOMER_FIRST,CUSTOMER_LAST,CUSTOMER_EMAIL,CUSTOMER_ADDRESS,CUSTOMER_CITY,CUSTOMER_ZIP,CUSTOMER_STATE,CUSTOMER_COUNTRY)
VALUES(17,'ROBERT','BROWN','ROBERTMBROWN@JOURRAPIDE.COM','724 ROSEWOOD LANE','NEW YORK','10025','NY','UNITED STATES')
INTO CUSTOMERS(CUSTOMER_ID,CUSTOMER_FIRST,CUSTOMER_LAST,CUSTOMER_EMAIL,CUSTOMER_ADDRESS,CUSTOMER_CITY,CUSTOMER_ZIP,CUSTOMER_STATE,CUSTOMER_COUNTRY)
VALUES(18,'BILLY','PADRON','BILLYDPADRON@TELEWORM.US','3382 SOUTHERN STREET','HICKSVILLE','11612','NY','UNITED STATES')
INTO CUSTOMERS(CUSTOMER_ID,CUSTOMER_FIRST,CUSTOMER_LAST,CUSTOMER_EMAIL,CUSTOMER_ADDRESS,CUSTOMER_CITY,CUSTOMER_ZIP,CUSTOMER_STATE,CUSTOMER_COUNTRY)
VALUES(19,'IRENE','MARQUEZ','IRENEEMARQUEZ@DAYREP.COM','2785 GENEVA STREET','HUNTINGTON','11743','NY','UNITED STATES')
INTO CUSTOMERS(CUSTOMER_ID,CUSTOMER_FIRST,CUSTOMER_LAST,CUSTOMER_EMAIL,CUSTOMER_ADDRESS,CUSTOMER_CITY,CUSTOMER_ZIP,CUSTOMER_STATE,CUSTOMER_COUNTRY)
VALUES(20,'CHARLES','STILLINGS','CHARLESSSTILLINGS@TELEWORM.US','1854 BENEDUM DRIVE','POUGHKEEPSIE','12601','NY','UNITED STATES')
SELECT * FROM DUAL;
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INSERT ALL
INTO RATINGS(RATING_ID, TRANSACTION_ID, RATING)
VALUES(1,1,2 )
INTO RATINGS(RATING_ID, TRANSACTION_ID, RATING)
VALUES(2,2,4 )
INTO RATINGS(RATING_ID, TRANSACTION_ID, RATING)
VALUES(3,3,5 )
INTO RATINGS(RATING_ID, TRANSACTION_ID, RATING)
VALUES(4,4,3 )
INTO RATINGS(RATING_ID, TRANSACTION_ID, RATING)
VALUES(5,5,2 )
INTO RATINGS(RATING_ID, TRANSACTION_ID, RATING)
VALUES(6,6,1 )
INTO RATINGS(RATING_ID, TRANSACTION_ID, RATING)
VALUES(7,7,5 )
INTO RATINGS(RATING_ID, TRANSACTION_ID, RATING)
VALUES(8,8,4 )
INTO RATINGS(RATING_ID, TRANSACTION_ID, RATING)
VALUES(9,9,2 )
INTO RATINGS(RATING_ID, TRANSACTION_ID, RATING)
VALUES(10,10,3)
INTO RATINGS(RATING_ID, TRANSACTION_ID, RATING)
VALUES(11,11,1)
INTO RATINGS(RATING_ID, TRANSACTION_ID, RATING)
VALUES(12,12,5)
INTO RATINGS(RATING_ID, TRANSACTION_ID, RATING)
VALUES(13,13,4)
INTO RATINGS(RATING_ID, TRANSACTION_ID, RATING)
VALUES(14,14,1)
INTO RATINGS(RATING_ID, TRANSACTION_ID, RATING)
VALUES(15,15,2)
INTO RATINGS(RATING_ID, TRANSACTION_ID, RATING)
VALUES(16,16,3)
INTO RATINGS(RATING_ID, TRANSACTION_ID, RATING)
VALUES(17,17,5)
INTO RATINGS(RATING_ID, TRANSACTION_ID, RATING)
VALUES(18,18,1)
INTO RATINGS(RATING_ID, TRANSACTION_ID, RATING)
VALUES(19,19,2)
INTO RATINGS(RATING_ID, TRANSACTION_ID, RATING)
VALUES(20,20,3)
INTO RATINGS(RATING_ID, TRANSACTION_ID, RATING)
VALUES(21,21,1)
INTO RATINGS(RATING_ID, TRANSACTION_ID, RATING)
VALUES(22,22,5)
INTO RATINGS(RATING_ID, TRANSACTION_ID, RATING)
VALUES(23,23,4)
INTO RATINGS(RATING_ID, TRANSACTION_ID, RATING)
VALUES(24,24,3)
INTO RATINGS(RATING_ID, TRANSACTION_ID, RATING)
VALUES(25,25,5)
INTO RATINGS(RATING_ID, TRANSACTION_ID, RATING)
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Note: Cannot fit all Ratings

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INSERT ALL
INTO TRANSACTIONS(TRANSACTION_ID,TRANSACTION_DATE,PRODUCT_ID,STAFF_ID,LOCATION_ID,CUSTOMER_ID,TRANSACTION_TOTAL)
VALUES(1,TO_DATE('01/15/2015 16:55','MM/DD/YYYY HH24:MI'),1,16,1115,1,1412.66 )
INTO TRANSACTIONS(TRANSACTION_ID,TRANSACTION_DATE,PRODUCT_ID,STAFF_ID,LOCATION_ID,CUSTOMER_ID,TRANSACTION_TOTAL)
VALUES(2,TO_DATE('01/23/2015 11:42','MM/DD/YYYY HH24:MI'),7,1,2984,4,652.49 )
INTO TRANSACTIONS(TRANSACTION_ID,TRANSACTION_DATE,PRODUCT_ID,STAFF_ID,LOCATION_ID,CUSTOMER_ID,TRANSACTION_TOTAL)
VALUES(3,TO_DATE('01/25/2015 14:36','MM/DD/YYYY HH24:MI'),2,17,483,7,1630.16 )
INTO TRANSACTIONS(TRANSACTION_ID,TRANSACTION_DATE,PRODUCT_ID,STAFF_ID,LOCATION_ID,CUSTOMER_ID,TRANSACTION_TOTAL)
VALUES(4,TO_DATE('02/03/2015 09:49','MM/DD/YYYY HH24:MI'),5,18,478,9,760.16 )
INTO TRANSACTIONS(TRANSACTION_ID,TRANSACTION_DATE,PRODUCT_ID,STAFF_ID,LOCATION_ID,CUSTOMER_ID,TRANSACTION_TOTAL)
VALUES(5,TO_DATE('02/07/2015 12:10','MM/DD/YYYY HH24:MI'),8,19,1891,2,652.49 )
INTO TRANSACTIONS(TRANSACTION_ID,TRANSACTION_DATE,PRODUCT_ID,STAFF_ID,LOCATION_ID,CUSTOMER_ID,TRANSACTION_TOTAL)
VALUES(6,TO_DATE('02/17/2015 09:45','MM/DD/YYYY HH24:MI'),3,20,1172,5,488.29 )
INTO TRANSACTIONS(TRANSACTION_ID,TRANSACTION_DATE,PRODUCT_ID,STAFF_ID,LOCATION_ID,CUSTOMER_ID,TRANSACTION_TOTAL)
VALUES(7,TO_DATE('02/20/2015 19:43','MM/DD/YYYY HH24:MI'),4,16,471,3,488.29 )
INTO TRANSACTIONS(TRANSACTION_ID,TRANSACTION_DATE,PRODUCT_ID,STAFF_ID,LOCATION_ID,CUSTOMER_ID,TRANSACTION_TOTAL)
VALUES(8,TO_DATE('03/07/2015 14:16','MM/DD/YYYY HH24:MI'),1,19,950,9,1412.66 )
INTO TRANSACTIONS(TRANSACTION_ID,TRANSACTION_DATE,PRODUCT_ID,STAFF_ID,LOCATION_ID,CUSTOMER_ID,TRANSACTION_TOTAL)
VALUES(9,TO_DATE('03/11/2015 19:42','MM/DD/YYYY HH24:MI'),8,18,2986,12,652.49 )
INTO TRANSACTIONS(TRANSACTION_ID,TRANSACTION_DATE,PRODUCT_ID,STAFF_ID,LOCATION_ID,CUSTOMER_ID,TRANSACTION_TOTAL)
VALUES(10,TO_DATE('04/17/2015 11:19','MM/DD/YYYY HH24:MI'),6,18,1115,15,1032.04 )
INTO TRANSACTIONS(TRANSACTION_ID,TRANSACTION_DATE,PRODUCT_ID,STAFF_ID,LOCATION_ID,CUSTOMER_ID,TRANSACTION_TOTAL)
VALUES(11,TO_DATE('05/13/2015 13:19','MM/DD/YYYY HH24:MI'),12,4,2986,1,924.36 )
INTO TRANSACTIONS(TRANSACTION_ID,TRANSACTION_DATE,PRODUCT_ID,STAFF_ID,LOCATION_ID,CUSTOMER_ID,TRANSACTION_TOTAL)
VALUES(12,TO_DATE('05/14/2015 16:38','MM/DD/YYYY HH24:MI'),15,7,950,4,65.24 )
INTO TRANSACTIONS(TRANSACTION_ID,TRANSACTION_DATE,PRODUCT_ID,STAFF_ID,LOCATION_ID,CUSTOMER_ID,TRANSACTION_TOTAL)
VALUES(13,TO_DATE('05/17/2015 12:49','MM/DD/YYYY HH24:MI'),15,2,471,2,65.24 )
INTO TRANSACTIONS(TRANSACTION_ID,TRANSACTION_DATE,PRODUCT_ID,STAFF_ID,LOCATION_ID,CUSTOMER_ID,TRANSACTION_TOTAL)
VALUES(14,TO_DATE('05/25/2015 15:46','MM/DD/YYYY HH24:MI'),17,3,1172,7,516.56 )
INTO TRANSACTIONS(TRANSACTION_ID,TRANSACTION_DATE,PRODUCT_ID,STAFF_ID,LOCATION_ID,CUSTOMER_ID,TRANSACTION_TOTAL)
VALUES(15,TO_DATE('06/02/2015 18:45','MM/DD/YYYY HH24:MI'),19,8,1891,8,1517.06 )
INTO TRANSACTIONS(TRANSACTION_ID,TRANSACTION_DATE,PRODUCT_ID,STAFF_ID,LOCATION_ID,CUSTOMER_ID,TRANSACTION_TOTAL)
VALUES(16,TO_DATE('06/03/2015 14:20','MM/DD/YYYY HH24:MI'),18,9,478,3,1412.66 )
INTO TRANSACTIONS(TRANSACTION_ID,TRANSACTION_DATE,PRODUCT_ID,STAFF_ID,LOCATION_ID,CUSTOMER_ID,TRANSACTION_TOTAL)
VALUES(17,TO_DATE('07/14/2015 23:23','MM/DD/YYYY HH24:MI'),22,15,483,7,2174.99 )
INTO TRANSACTIONS(TRANSACTION_ID,TRANSACTION_DATE,PRODUCT_ID,STAFF_ID,LOCATION_ID,CUSTOMER_ID,TRANSACTION_TOTAL)
VALUES(18,TO_DATE('07/22/2015 15:43','MM/DD/YYYY HH24:MI'),21,13,2984,9,8699.99 )
INTO TRANSACTIONS(TRANSACTION_ID,TRANSACTION_DATE,PRODUCT_ID,STAFF_ID,LOCATION_ID,CUSTOMER_ID,TRANSACTION_TOTAL)
VALUES(19,TO_DATE('08/16/2015 17:29','MM/DD/YYYY HH24:MI'),20,12,1891,12,4349.99 )
INTO TRANSACTIONS(TRANSACTION_ID,TRANSACTION_DATE,PRODUCT_ID,STAFF_ID,LOCATION_ID,CUSTOMER_ID,TRANSACTION_TOTAL)
VALUES(20,TO_DATE('09/25/2015 18:56','MM/DD/YYYY HH24:MI'),14,11,1172,13,54.36 )
INTO TRANSACTIONS(TRANSACTION_ID,TRANSACTION_DATE,PRODUCT_ID,STAFF_ID,LOCATION_ID,CUSTOMER_ID,TRANSACTION_TOTAL)
VALUES(21,TO_DATE('10/24/2015 16:58','MM/DD/YYYY HH24:MI'),17,16,483,14,516.56 )
INTO TRANSACTIONS(TRANSACTION_ID,TRANSACTION_DATE,PRODUCT_ID,STAFF_ID,LOCATION_ID,CUSTOMER_ID,TRANSACTION_TOTAL)
VALUES(22,TO_DATE('11/23/2015 13:23','MM/DD/YYYY HH24:MI'),10,5,1891,15,543.74 )
INTO TRANSACTIONS(TRANSACTION_ID,TRANSACTION_DATE,PRODUCT_ID,STAFF_ID,LOCATION_ID,CUSTOMER_ID,TRANSACTION_TOTAL)
VALUES(23,TO_DATE('12/10/2015 17:15','MM/DD/YYYY HH24:MI'),19,1,950,2,1517.06 )
INTO TRANSACTIONS(TRANSACTION_ID,TRANSACTION_DATE,PRODUCT_ID,STAFF_ID,LOCATION_ID,CUSTOMER_ID,TRANSACTION_TOTAL)
VALUES(24,TO_DATE('12/12/2015 18:23','MM/DD/YYYY HH24:MI'),9,19,950,4,652.49 )
INTO TRANSACTIONS(TRANSACTION_ID,TRANSACTION_DATE,PRODUCT_ID,STAFF_ID,LOCATION_ID,CUSTOMER_ID,TRANSACTION_TOTAL)
VALUES(25,TO_DATE('12/25/2015 12:00','MM/DD/YYYY HH24:MI'),6,18,2986,7,1032.04 )
INTO TRANSACTIONS(TRANSACTION_ID,TRANSACTION_DATE,PRODUCT_ID,STAFF_ID,LOCATION_ID,CUSTOMER_ID,TRANSACTION_TOTAL)
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Note: Cannot fit all transactions