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|   | CIS 250 Unit 2 Assignment 1 DirectionsModify Oracle table data using the correct SQL statements. You must create the statements in **Oracle** by using the following steps (SQL > SQL commands > Enter Command). **Once your command is error-free, copy and paste your statements into this assignment document**. Upload this Word document for grading.Modification Specifics:A new manager was recently hired along with 5 employees who will work under her.The President of our company has created a new department for her to head as well. You can assume that all the new employees were hired today. **Make sure your changes get saved to the database.**Information:New Employees (using table l\_employees):

|  |  |  |  |
| --- | --- | --- | --- |
| First Name | Last Name | Credit Limit | Phone Number |
| Jane | Smith | 15.00 | 7890 |
| Martha | Woods | 20.25 |  |
| Bill | Bourne |  |  |
| Mike | Oleni | 33.33 | 3333 |
| C | Etter | 43 |  |

New Manager (using table l\_employees):Rose Hamby is the manager of all the employees above. Her information is below:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| First Name | Last Name | Credit Limit | Phone Number | Manager Name |
| Rose | Hamby | 14.00 | 3433 | Susan Brown |

The new department that was created for Rose is as follows (using table l\_department):

|  |  |
| --- | --- |
| Department Code | Department Name |
| IT | Information Technology |

1. Write insert statements to insert the data into the tables above. Show all the insert statements you used, along with the order they were run in. **Use the seq\_employee\_id SEQUENCE to get the employee\_id. Do not hard-code the manger\_id value in your insert statements.**
2. Mike Olenik’s name was spelled incorrectly. Change his record so that his last name is spelled correctly.(Olenik). Make sure your changes get saved to the database.

UPDATE l\_employees SET last\_Name = 'Olenik' where first\_Name = 'Mike' AND last\_Name = 'Olenik';1. Fred Campbell asked for a transfer from the Shipping department to the IT department. His request was approved. Update the database to reflect this change.

UPDATE l\_employees SET dept\_code='IT' where first\_Name = 'Fred' AND last\_Name = ' Campbell' and dept\_code='SHP';1. C. Etter’s first name should have been Cynthia. Update the database to reflect this change.

UPDATE l\_employees SET first\_Name = 'Cynthia' where first\_Name = 'C' AND last\_Name = 'Etter';1. For some unknown reason, HR decided to change the hire date of all the employees that were added today, to tomorrow (09/13/2005). Update the database to reflect this change. Make sure your changes get saved to the database.

UPDATE l\_employees SET HIRE\_DATE = '13-SEP-2005' where HIRE\_DATE = '12-SEP-2005';1. Bill Bourne has now received a phone number and credit limit. They are 4553 and $35.00 respectively. Update the database to reflect this change.

UPDATE l\_employees SET PHONE\_NUMBER ='4553' , CREDIT\_LIMIT=35 where first\_Name = 'Bill' AND last\_Name = 'Bourne';1. Bill Bourne spent more than his credit limit and was fired. Show how you

 would delete him from the database.delete from l\_employees where first\_Name = 'Bill' AND last\_Name = 'Bourne';1. Due to budget cuts, the IT department was closed. Delete the IT department from your database. Did this work? Why or why not?

If we delete the 'IT' department from the l\_departments table , then it will affect the l\_employees table, so we have to delete the records from l\_employees too1. Explain how you could delete the IT department without deleting all the employees who work for that department.

We could set the dept\_Code in l\_employees table to null for the dept\_Code='IT' , then delete the dept\_code for this from l\_departmentsIt would look like thisUPDATE l\_employees SET dept\_Code = null where dept\_Code = 'IT';delete from l\_departments where dept\_Code = 'IT';1. Supplier ASP’s has decided to raise their prices. They raised the price of all their foods by a $1. Update the database to show this change.

update L\_FOODS set price=price+1 where SUPPLIER\_ID='ASP';1. The price of grilled steak increased by 2 dollars. Update the database to show this change. Show your sql below.

update L\_FOODS set price=price+2 where DESCRIPTION='GRILLED STEAK';1. The lunches scheduled for the 5 of December has been moved to the 15th of December. Update the database to show this change. Show your sql below.

update L\_LUNCHES set LUNCH\_DATE = LUNCH\_DATE+10 where EXTRACT(Day FROM LUNCH\_DATE) = 5 and EXTRACT(month FROM LUNCH\_DATE) = 12 ;1. A new supplier, RGF (Really Good Food) has been approved. RGF supplys all the same items as CBC, but 50 cents cheaper. Show the insert statements required to enter this information into the l\_foods and l\_suppliers table.

insert into l\_suppliers values('RGF','Really Good Food');insert into l\_foods (SUPPLIER\_ID,PRODUCT\_CODE,MENU\_ITEM,DESCRIPTION,PRICE,PRICE\_INCREASE)select 'RGF' as SUPPLIER\_ID, PRODUCT\_CODE,MENU\_ITEM,DESCRIPTION,PRICE,PRICE\_INCREASE from l\_foods where SUPPLIER\_ID='CBC'; |
|  |  |