Transaction Processing

1. Add the first row of data to the MY\_EMPLOYEE table from the following sample data. Do not list the columns in the INSERT clause.

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| --- | --- | --- | --- |
| EMPLOYEE\_ID | LAST\_NAME | FIRST\_NAME | SALARY |
| 1 | Patel | Ralph | 1000 |
| 3 | Drexler | Ben | 1100 |
| 4 | Newman | Chad | 1000 |
| 5 | Ropeburn | Audry | 1550 |

1. Create a COPY\_EMP table which contains 4 columns (EMPLOYEE\_ID, FIRST\_NAME, LAST\_NAME and SALARY) and all rows of EMPLOYEES table
2. Control the data transaction to COPY\_EMP table during performing following operations:
3. Change the last name of employee\_ID 103 to Drexler.
4. Change the salary to 10000 for all employees with a salary less than 9000.
5. Make above data additions permanent.
6. Delete Amit Banda from the COPY\_EMP table.
7. Commit the pending changes.
8. Next Transaction:
9. Insert the 1st row from the sample data in COPY\_EMP table.
10. Make an intermediate point in the processing of transaction.
11. Empty the entire table.
12. Confirm that the table is empty.
13. Discard the most recent DELETE operation without discarding the earlier INSERT operation
14. Confirm that the new row is still intact.
15. Make the data addition permanent;
16. Create a procedure ADD\_EMPLOYEE, which inserts a new row in the employees table. If the salary of the employee is not in the given range of the provided job\_id (job\_grades table) print the message ‘The salary of <job\_id> is not in valid range. Use transaction processing to solve this problem.