

Lab-09 EXERCISE

Question 1:

In this exercise, you are required to create a database for a telecommunication company (TELENOR, Ufone etc.). A telecommunication company wants to keep track of all the changes they made in their package's rate.

You need to keep history of the modifications of each package. To achieve this, you may use the concept of triggers.

- Packages_History(Title, Rate, Date)

Question 2: (ROLLBACK AND COMMIT)

- Create a table named "T", having two columns: ID (of type integer, the primary key),
- S (of type character string with a length varying from 1 to 40 characters)
- Insert 5 rows to the newly created table
- Select * from T;
- Observe the data in Table.
- ROLLBACK
- Select * from T;
- Commit;
- Observe the data in Table.
- ROLLBACK
- Select * from T;
- Observe the data in Table.

Question 3: (Transaction Isolation)

- **STEP 1:**
Create a table TAB with an attribute tno.
- **STEP 2:**
Create a table t_log with attribute t_msg.
- **STEP 3:**
Implement a PL/SQL procedure p1 that writes into a table tab the numbers 1 to 100 (each in a separate tuple).
- **STEP 5:**
Inserts each of the counting results ("Message") into a tuple in a log table.