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FYCS A

PRACTICAL 8

8] Join Queries:
      1)Inner join
      2)Outer join

PRACTICAL 8

:

```
SQL> CREATE TABLE Bank1439 (
  2       Acc_No VARCHAR2(10) PRIMARY KEY,
  3       Acc_Name VARCHAR2(50),
  4       Balance NUMBER
  5  );

Table created.

SQL> INSERT INTO Bank1439 VALUES ('A101', 'Rajesh', 20000);

1 row created.

SQL> INSERT INTO Bank1439 VALUES ('A102', 'Priya', 15000);

1 row created.

SQL> INSERT INTO Bank1439 VALUES ('A103', 'Aman', 30000);

1 row created.

SQL>
SQL> SELECT * FROM Bank1439;

ACC_NO     ACC_NAME                                              BALANCE
---------- -------------------------------------------------- ----------
A101       Rajesh                                                  20000
A102       Priya                                                   15000
A103       Aman                                                    30000

SQL> -- Insert a new account
SQL> INSERT INTO Bank1439 VALUES ('A104', 'Kajal', 25000);

1 row created.

SQL>
SQL> -- Save changes permanently
SQL> COMMIT;

Commit complete.

SQL> -- Insert but do not commit
SQL> INSERT INTO Bank1439 VALUES ('A105', 'Som', 18000);

1 row created.

SQL>
SQL> -- Rollback will undo uncommitted changes
SQL> ROLLBACK;

Rollback complete.

SQL>
SQL> -- Check table (A105 will be gone)
SQL> SELECT * FROM Bank1439;

ACC_NO     ACC_NAME                                              BALANCE
---------- -------------------------------------------------- ----------
A101       Rajesh                                                  20000
A102       Priya                                                   15000
A103       Aman                                                    30000
A104       Kajal                                                   25000

SQL> -- Insert some rows
SQL> INSERT INTO Bank1439 VALUES ('A106', 'Neelam', 22000);

1 row created.

SQL> SAVEPOINT sp1;

Savepoint created.

SQL>
SQL> INSERT INTO Bank1439 VALUES ('A107', 'Vedant', 27000);

1 row created.

SQL> SAVEPOINT sp2;

Savepoint created.
```

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```
SQL> INSERT INTO Bank1439 VALUES ('A107', 'Vedant', 27000);

1 row created.

SQL> SAVEPOINT sp2;

Savepoint created.

SQL>
SQL> -- Rollback to savepoint sp1 (A107 will be undone, A106 remains)
SQL> ROLLBACK TO sp1;

Rollback complete.

SQL>
SQL> SELECT * FROM Bank1439;

ACC_NO     ACC_NAME                                                BALANCE
---------- -------------------------------------------------- ----------
A101       Rajesh                                                   20000
A102       Priya                                                    15000
A103       Aman                                                     30000
A104       Kajal                                                    25000
A106       Neelam                                                   22000

SQL> -- Grant select privilege on Bank1439 table to another user (e.g., USER2)
SQL> GRANT SELECT ON Bank1439 TO USER2;
GRANT SELECT ON Bank1439 TO USER2
                        *
ERROR at line 1:
ORA-01917: user or role 'USER2' does not exist


SQL>
SQL> -- Revoke the same privilege
SQL> REVOKE SELECT ON Bank1439 FROM USER2;
REVOKE SELECT ON Bank1439 FROM USER2
                              *
ERROR at line 1:
ORA-01917: user or role 'USER2' does not exist


SQL> -- Syntax only (since USER2 does not exist in our DB)
SQL> GRANT SELECT ON Bank1439 TO USER2;
GRANT SELECT ON Bank1439 TO USER2
                        *
ERROR at line 1:
ORA-01917: user or role 'USER2' does not exist


SQL> REVOKE SELECT ON Bank1439 FROM USER2;
REVOKE SELECT ON Bank1439 FROM USER2
                              *
ERROR at line 1:
ORA-01917: user or role 'USER2' does not exist
```