Experiment No. 4

**Implementation of Tablespace in Oracle**

1. **Creating and Managing Tablespaces**
2. Create a new tablespace named emp\_data with an initial size of 20MB.
3. Check the size and status of the tablespace using an SQL query.
4. **Resize the Tablespace**
5. Resize the emp\_data tablespace to 50MB
6. Verify the size change
7. **Temporary Tablespace**
8. Create a temporary tablespace and assign it as the default
9. Check the size and status of the tablespace using an SQL query.
10. **Undo Tablespace**
11. Create an undo tablespace
12. Check the size and status of the tablespace using an SQL query
13. **Create user and assign Tablespace Quotas**
14. Create user hr\_user on the emp\_data tablespace and Assign a 10MB quota to HR\_USER on the emp\_data tablespace
15. grant create session, create table to hr\_user
16. check max\_bytes and used\_data for hr\_user
17. **Create Table in tablespace**
18. Connect with hr\_user
19. Create table employee in table space with attributes emp\_id, emp\_name, emp\_address
20. Insert few records in employee table
21. check max\_bytes and free\_space for hr\_user
22. **Updates to tablespace**
23. Take the emp\_data tablespace offline and verify that the tablespace is offline
24. Bring the emp\_data tablespace back online and verify the tablespace status
25. Remove the quota for HR\_USER on the emp\_data tablespace and verify the quota removal.