

## ADS EXPIREMENT 4

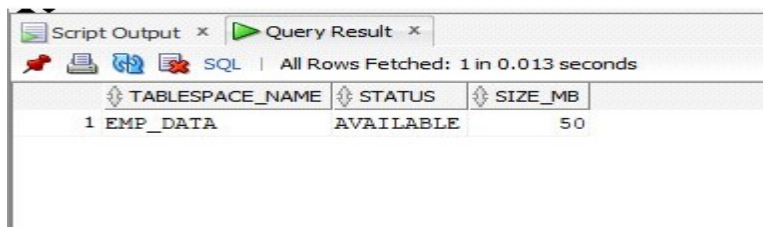
Name: Aryan Mangrule

PRN: 2122000220

Roll.No: B46

--Q1

- a) CREATE TABLESPACE emp\_data DATAFILE 'C:\ads\exp4.dbf' size 20m;
- b) SELECT tablespace\_name,status, bytes /1024 /1024 AS size\_mb  
FROM dba\_data\_files  
WHERE tablespace\_name='EMP\_DATA';

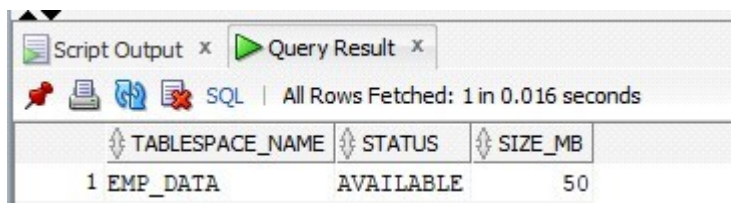


The screenshot shows a SQL query result window with two tabs: 'Script Output' and 'Query Result'. The 'Query Result' tab is active, displaying the results of the SQL query. The status bar indicates 'All Rows Fetched: 1 in 0.013 seconds'. The query result is a table with three columns: TABLESPACE\_NAME, STATUS, and SIZE\_MB. The first row shows 'EMP\_DATA' as the tablespace name, 'AVAILABLE' as the status, and '50' as the size in MB.

	TABLESPACE_NAME	STATUS	SIZE_MB
1	EMP_DATA	AVAILABLE	50

--Q2

- a) ALTER DATABASE DATAFILE 'C:\ads\exp4.dbf' RESIZE 50M;
- b) SELECT tablespace\_name,status, bytes /1024 /1024 AS size\_mb  
FROM dba\_data\_files  
WHERE tablespace\_name='EMP\_DATA';

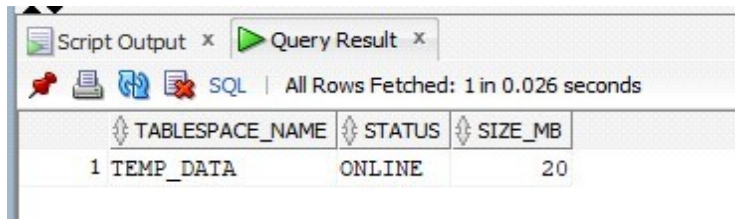


The screenshot shows a SQL query result window with two tabs: 'Script Output' and 'Query Result'. The 'Query Result' tab is active, displaying the results of the SQL query. The status bar indicates 'All Rows Fetched: 1 in 0.016 seconds'. The query result is a table with three columns: TABLESPACE\_NAME, STATUS, and SIZE\_MB. The first row shows 'EMP\_DATA' as the tablespace name, 'AVAILABLE' as the status, and '50' as the size in MB.

	TABLESPACE_NAME	STATUS	SIZE_MB
1	EMP_DATA	AVAILABLE	50

--Q3

- a) `CREATE TEMPORARY TABLESPACE temp_data TEMPFILE 'C:\ads\temp_exp4.dbf' SIZE 20M;`  
`ALTER DATABASE DEFAULT TEMPORARY TABLESPACE temp_data;`
- b) `SELECT tablespace_name,status, bytes /1024 /1024 AS size_mb`  
`FROM dba_temp_files`  
`WHERE tablespace_name='TEMP_DATA';`

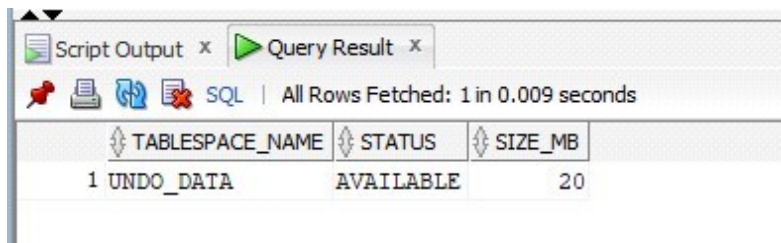


The screenshot shows a SQL query result window with two tabs: 'Script Output' and 'Query Result'. The 'Query Result' tab is active, displaying a table with three columns: 'TABLESPACE\_NAME', 'STATUS', and 'SIZE\_MB'. The table contains one row with the values 'TEMP\_DATA', 'ONLINE', and '20'. The status bar indicates 'All Rows Fetched: 1 in 0.026 seconds'.

	TABLESPACE_NAME	STATUS	SIZE_MB
1	TEMP_DATA	ONLINE	20

--Q4

- a) `CREATE UNDO TABLESPACE undo_data DATAFILE 'C:\ads\undo_exp4.dbf' size 20m;`
- b) `SELECT tablespace_name,status, bytes /1024 /1024 AS size_mb`  
`FROM dba_data_files`  
`WHERE tablespace_name='UNDO_DATA';`



The screenshot shows a SQL query result window with two tabs: 'Script Output' and 'Query Result'. The 'Query Result' tab is active, displaying a table with three columns: 'TABLESPACE\_NAME', 'STATUS', and 'SIZE\_MB'. The table contains one row with the values 'UNDO\_DATA', 'AVAILABLE', and '20'. The status bar indicates 'All Rows Fetched: 1 in 0.009 seconds'.

	TABLESPACE_NAME	STATUS	SIZE_MB
1	UNDO_DATA	AVAILABLE	20

--Q5

- a) ALTER session set "\_ORACLE\_SCRIPT"=TRUE;  
CREATE USER HR\_USER IDENTIFIED BY HR\_USER  
DEFAULT TABLESPACE EMP\_DATA  
QUOTA 10M ON EMP\_DATA;
- b) Grant CREATE SESSION, CREATE TABLE to HR\_USER;
- c) SELECT USERNAME, TABLESPACE\_NAME, MAX\_BYTES, BYTES AS USED\_DATA  
FROM DBA\_TS\_QUOTAS  
WHERE USERNAME = 'HR\_USER';

	USERNAME	TABLESPACE_NAME	MAX_BYTES	USED_DATA
1	HR_USER	EMP_DATA	10485760	0

--Q6)

- a) CONNECT HR\_USER/HR\_USER;
- b) CREATE TABLE employee (emp\_id int , emp\_name VARCHAR(20),  
emp\_address VARCHAR(20)) TABLESPACE EMP\_DATA;
- c) INSERT INTO employee VALUES(1,'Ram','kolhapur');  
INSERT INTO employee VALUES(2,'sham','kolhapur');  
INSERT INTO employee VALUES(3,'Parth','kolhapur');  
INSERT INTO employee VALUES(4,'kedar','sangli');  
INSERT INTO employee VALUES(5,'Akash','satara');
- d) SELECT USERNAME, TABLESPACE\_NAME, MAX\_BYTES, BYTES AS USED\_DATA  
FROM DBA\_TS\_QUOTAS  
WHERE USERNAME = 'HR\_USER';

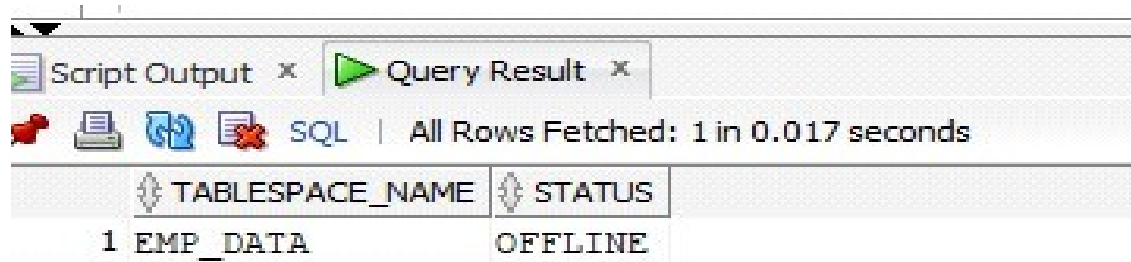
	USERNAME	TABLESPACE_NAME	MAX_BYTES	USED_DATA
1	HR_USER	EMP_DATA	10485760	0

SELECT TABLESPACE\_Name, SUM (bytes)/1024 /1024 as free\_space\_mb  
from dba\_free\_space  
where TABLESPACE\_Name='EMP\_DATA'  
GROUP BY TABLESPACE\_Name;

	TABLESPACE_NAME	FREE_SPACE_MB
1	EMP_DATA	48.9375

--Q7

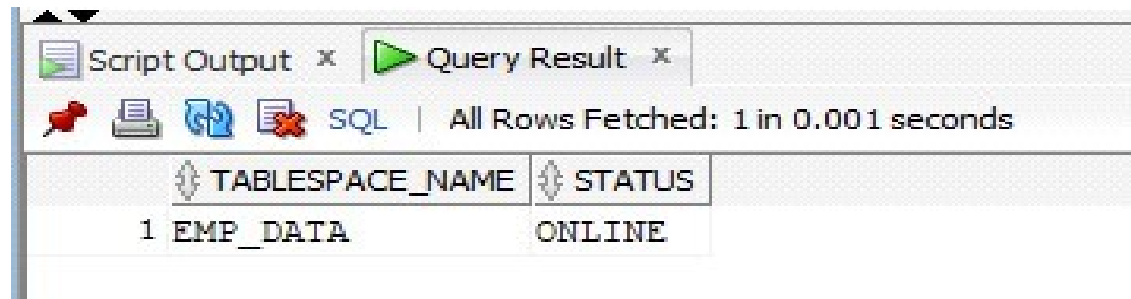
- a) `TABLESPACE emp_data OFFLINE;`
- `SELECT tablespace_name, status`
- `FROM dba_tablespaces`
- `WHERE tablespace_name = 'EMP_DATA';`



The screenshot shows a SQL query result window with two tabs: 'Script Output' and 'Query Result'. The 'Query Result' tab is active, displaying the results of the query. The status bar indicates 'All Rows Fetched: 1 in 0.017 seconds'. The result is a table with two columns: 'TABLESPACE\_NAME' and 'STATUS'. The first row shows 'EMP\_DATA' as the tablespace name and 'OFFLINE' as its status.

	TABLESPACE_NAME	STATUS
1	EMP_DATA	OFFLINE

- b) `TABLESPACE emp_data ONLINE;`
- `SELECT tablespace_name, status`
- `FROM dba_tablespaces`
- `WHERE tablespace_name = 'EMP_DATA';`



The screenshot shows a SQL query result window with two tabs: 'Script Output' and 'Query Result'. The 'Query Result' tab is active, displaying the results of the query. The status bar indicates 'All Rows Fetched: 1 in 0.001 seconds'. The result is a table with two columns: 'TABLESPACE\_NAME' and 'STATUS'. The first row shows 'EMP\_DATA' as the tablespace name and 'ONLINE' as its status.

	TABLESPACE_NAME	STATUS
1	EMP_DATA	ONLINE

c) -- Remove the quota for HR\_USER

```
ALTER USER hr_user QUOTA 0 ON emp_data;
```

-- Verify the quota removal

```
SELECT
    USERNAME,
    TABLESPACE_NAME,
    MAX_BYTES,
    BYTES AS USED_DATA
FROM
    DBA_TS_QUOTAS
WHERE
    USERNAME = 'HR_USER';
```

