

ADS EXPIREMENT 4

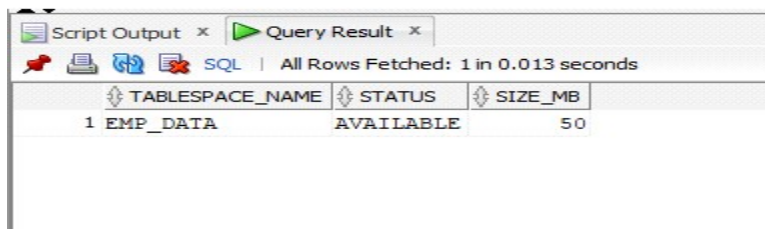
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--Q1

- 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';

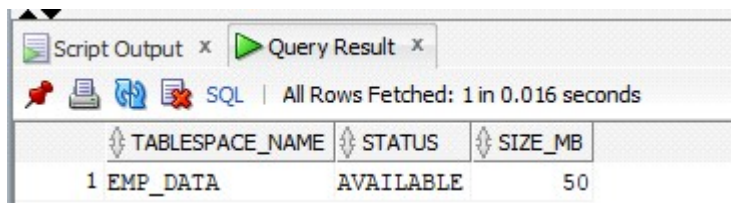


The screenshot shows the 'Query Result' window in SQL Developer. The status bar indicates 'All Rows Fetched: 1 in 0.013 seconds'. The query results are displayed in a table with three columns: TABLESPACE_NAME, STATUS, and SIZE_MB. The first row shows 'EMP_DATA' as the tablespace name, 'AVAILABLE' as 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';

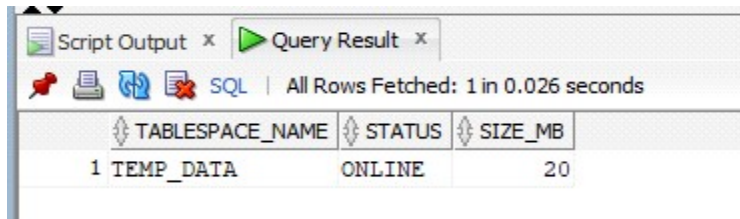


The screenshot shows the 'Query Result' window in SQL Developer. The status bar indicates 'All Rows Fetched: 1 in 0.016 seconds'. The query results are displayed in a table with three columns: TABLESPACE_NAME, STATUS, and SIZE_MB. The first row shows 'EMP_DATA' as the tablespace name, 'AVAILABLE' as 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';`

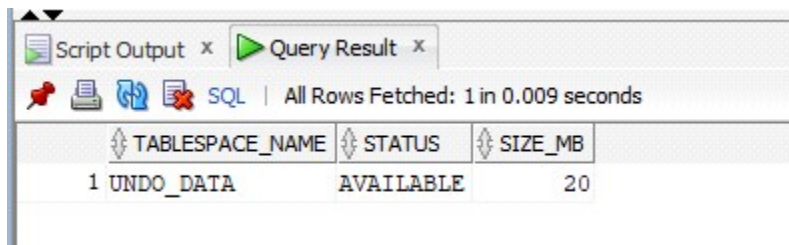


The screenshot shows a SQL query result window with a single row of data. The window has tabs for 'Script Output' and 'Query Result'. The status bar indicates 'All Rows Fetched: 1 in 0.026 seconds'. The table has three columns: TABLESPACE_NAME, STATUS, and SIZE_MB. The row shows 'TEMP_DATA' as the tablespace name, 'ONLINE' as the status, and '20' as the size in MB.

	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 a single row of data. The window has tabs for 'Script Output' and 'Query Result'. The status bar indicates 'All Rows Fetched: 1 in 0.009 seconds'. The table has three columns: TABLESPACE_NAME, STATUS, and SIZE_MB. The row shows 'UNDO_DATA' as the tablespace name, 'AVAILABLE' as the status, and '20' as the size in MB.

	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';

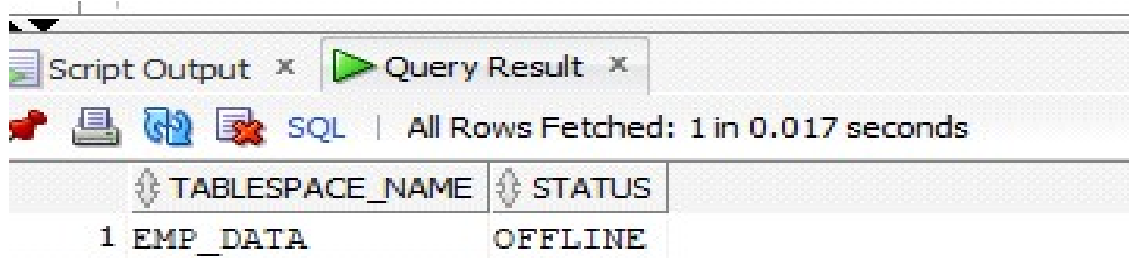
	USERNAME	TABLESPACE_NAME	MAX_BYTES	USED_DATA
1	HR_USER	EMP_DATA	10485760	0

```
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

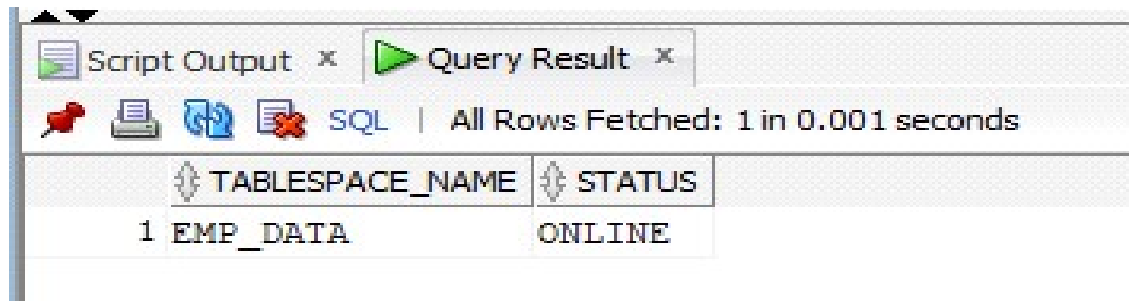
- a) `TABLESPACE emp_data OFFLINE;`
- ```
SELECT tablespace_name, status
FROM dba_tablespaces
WHERE tablespace_name = 'EMP_DATA';
```



The screenshot shows the SQL Developer interface with a 'Query Result' window. The window title is 'Query Result' with a close button. Below the title bar, there are icons for a red pin, a printer, a refresh button, and a document with a red 'X'. The text 'SQL | All Rows Fetched: 1 in 0.017 seconds' is displayed. The main area contains a table with two columns: 'TABLESPACE\_NAME' and 'STATUS'. The first row shows 'EMP\_DATA' and 'OFFLINE'.

|   | 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 the SQL Developer interface with a 'Query Result' window. The window title is 'Query Result' with a close button. Below the title bar, there are icons for a red pin, a printer, a refresh button, and a document with a red 'X'. The text 'SQL | All Rows Fetched: 1 in 0.001 seconds' is displayed. The main area contains a table with two columns: 'TABLESPACE_NAME' and 'STATUS'. The first row shows 'EMP_DATA' and 'ONLINE'.

	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';
```

