DBA LAB ASSIGNMENT – 3

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1.Check the list of tablespaces in your database

```
SQL> select * from v$tablespace;

       TS# NAME                              INC BIG FLA ENC
---------- ------------------------------ --- --- --- ---
         0 SYSTEM                             YES NO  YES
         2 UNDOTBS1                           YES NO  YES
         1 SYSAUX                             YES NO  YES
         4 USERS                              YES NO  YES
         3 TEMP                               NO  NO  YES

SQL> select name from v$tablespace;

NAME
------------------------------
SYSTEM
UNDOTBS1
SYSAUX
USERS
TEMP

SQL>
```

2.Create a TABLESPACE college;

```
SQL> create tablespace college datafile 'D:\DBA Lab\data1.dbf' size 100m;

Tablespace created.
```

3. Create TABLESPACE with auto extend clause?

```
SQL>  create tablespace university datafile 'D:\DBA Lab\data2.dbf' size 100m autoextend on;

Tablespace created.

SQL>
```

4. Create student table in college tablespace and insert values in it?

```
SQL>  CREATE TABLE student( student_id INT , name VARCHAR(20) , department VARCHAR(20))
  2    TABLESPACE college;

Table created.

SQL>
```

```
SQL>  INSERT INTO student (student_id , name , department) VALUES (1 ,'Sreenidhi' ,' CSE');

1 row created.

SQL> INSERT INTO student (student_id , name , department) VALUES (2 ,'Ramamohan' ,' MECH');

1 row created.

SQL> INSERT INTO student (student_id , name , department) VALUES (3 ,'Padmavathi' ,' BBA');

1 row created.

SQL>
```

5. Write a command by using resize, unlimited?

```
SQL> alter database datafile 'D:\DBA Lab\data1.dbf' autoextend on maxsize 200m;

Database altered.
```

```
SQL> alter database datafile 'D:\DBA Lab\data1.dbf' resize 200m;

Database altered.

SQL> alter database datafile 'D:\DBA Lab\data1.dbf' autoextend on maxsize unlimited;

Database altered.

SQL>
```

6. Drop a table space;

```
SQL> drop tablespace university including contents and datafiles cascade constraints ;

Tablespace dropped.

SQL>
```

7. Change the tablespace mode;

```
SQL> alter tablespace college offline normal ;

Tablespace altered.

SQL> alter tablespace college online;

Tablespace altered.

SQL>
```

8. Make your table space as default tablespace.

```
SQL> alter database default tablespace college;

Database altered.

SQL>
```

```
SQL>  select * from v$tablespace;

       TS# NAME                           INC BIG FLA ENC
---------- ------------------------------ --- --- --- ---
         0 SYSTEM                         YES NO  YES
         2 UNDOTBS1                       YES NO  YES
         1 SYSAUX                         YES NO  YES
         4 USERS                          YES NO  YES
         3 TEMP                           NO  NO  YES
         5 COLLEGE                        YES NO  YES

6 rows selected.

SQL>
```