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Batch D1
19BCE245
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Practical 10a

Do as directed.

1. **User F has retrieve over entire table**

```
SQL> create user F identified by user_f;
User created.
SQL> grant select on student to F;
Grant succeeded.
```

2. **User S has insert and delete on entire table.**

```
SQL> create user S identified by user_s;
User created.
SQL> grant insert,delete on student to S;
Grant succeeded.
```

3. **Every user has retrieve over his/her record only.**

```
SQL> grant select on student to public;
Grant succeeded.
```

4. **User N has retrieve over entire table and update on Course and RollNo only**

```
SQL> create user N identified by user_n;
User created.
SQL> grant select,update(course,rollno) on student to N;
Grant succeeded.
```

5. **User T has retrieve over Name, StudentCode and Result only.**

```
SQL> create user T identified by user_t;
User created.
SQL> create or replace view grant_t as select name,studentcode,rollno
from student;
View created.
SQL> grant select on grant_t to T;
Grant succeeded.
```

6. User W has retrieve as T and update as N

```
SQL> create user w identified by user_w;
User created.
SQL> grant select on grant_t to w;
Grant succeeded.
SQL> grant update(course,rollno) on student to w;
Grant succeeded.
```

7. User P has all the privileges for BE-IT student's records.

```
SQL> create user p identified by user_p;
User created. SQL> create or replace view grant_p as select * from student where
course='BE-IT';
View created.
SQL> grant select,update,insert,delete on grant_p to p;
Grant succeeded.
```

8. User J has delete on records for student of Batch B2

```
SQL> create user j identified by user_j;
User created.
SQL> create or replace force view grant_j as select * from student where
batch='B2';
View created.
SQL> grant delete on grant_j to j;
Grant succeeded.
```

9. User B has update and delete on students record of courses where there are no more than 5 student

```
SQL> create user b identified by user_b;
User created.
SQL> create or replace force view grant_b as select * from student where
course in (select course from (select course,count(course) as freq from
student group by course) where freq<=5);
View created.
SQL> grant update,delete on grant_b to b;
Grant succeeded.
```

10. User K has retrieve for Eldest and youngest student

SQL> create user k identified by user_k; User created.

```
SQL> create or replace view grant_k as select * from student where
dob=(select min(dob) from student) or dob=(select max(dob) from
```

```
student);
View created.
SQL> grant select on grant_k to k;
Grant succeeded.
```

11. Create a tablespace user_space of 100Mb.

```
SQL> create tablespace user_space datafile 'user_space_data.dbf' size
100M;
Tablespace created.
```

12. Change default tablespace of all users to ‘user_space’

```
SQL> alter user b default tablespace user_space;
User altered.
```

13. Allocate 10Mb Quota to each user.

```
SQL> alter user b quota 10M on user_space;
User altered.
```