PARIJAT PAL | 23BCC70037 | 23BCC1-A |ADBMS

EXPERIMENT 1.4

Title: Grant SELECT Access on Courses Table Using DCL

Description:

You are required to allow a user named

```
viewer_user
```
 to only read the data from the
```
Courses
```
 table. Use a DCL command to grant this access.

Input Format:

- Table **Courses** already exists.
- User **viewer_user** exists.

Output Format:

No output — just successful execution of a DCL command.

Constraints:

- Only SELECT access must be granted.
- Access should be restricted to the

  ```
  Courses
  ```

  table only.

Query:

CREATE ROLE viewer_user LOGIN PASSWORD '12345';

GRANT SELECT ON Courses TO viewer_user;

Output:

```
58    CREATE ROLE viewer_user LOGIN PASSWORD '12345';
59
60    GRANT SELECT ON Courses TO viewer_user;
61
62
63    |
64
65
```

Data Output   Messages   Notifications

GRANT

Query returned successfully in 153 msec.

Learning Outcome:

Learned to use the GRANT command to give read-only (SELECT) access on specific tables.

Understood that users must exist before granting permissions.

Recognized the need for proper privileges to create users.