

HOMEWORK

Using sqlplus to do the following things and write the results to your answer sheet:

1. Create a pluggable database (PDB) and open this PDB.
2. Use SYS user to connect to this PDB. Show connection name of the connection.
3. Create a tablespace in this PDB.
4. Add a datafile to the tablespace above.
5. CREATE 5 USERS: user1, user2, user3, user4, user5, default tablespace and quota 1M for each user on the tablespace above.
6. Create a developer role: CREATE SESSION, CREATE TABLE.
7. From SYS user, GRANT developer role to user1 and user5 with admin option.
8. From SYS user, revoke the developer role from user5.
9. From user1, grant developer role to user2 so that user2 can grant this role to other users.
10. From user1, create ORDERS table (orderid, orderdate, total). Create a sequence. Insert 4 rows into Orders table, orderid is generated from the sequence above.
11. From user2, grant developer role to user3, so that user3 can't grant this role to other user.
12. From SYS user, grant select, insert, update (orderdate, total) privilege on ORDERS table to user2.
13. From SYS user, show system, object privileges and roles of user2.
14. From SYS user, grant select, insert, and update privileges on ORDERS table to user3.
15. From SYS user, grant a privilege to user 3 so that user 3 can select the SEQUENCE of user1.
16. From user3, show system, object privileges and roles of user3.
17. From user3, write two statements to insert data into user1's orders table.
18. From user3, write a statement to select data from user1's orders table.