

## DBMS Practical-6

### DBSM Practical-Cursor

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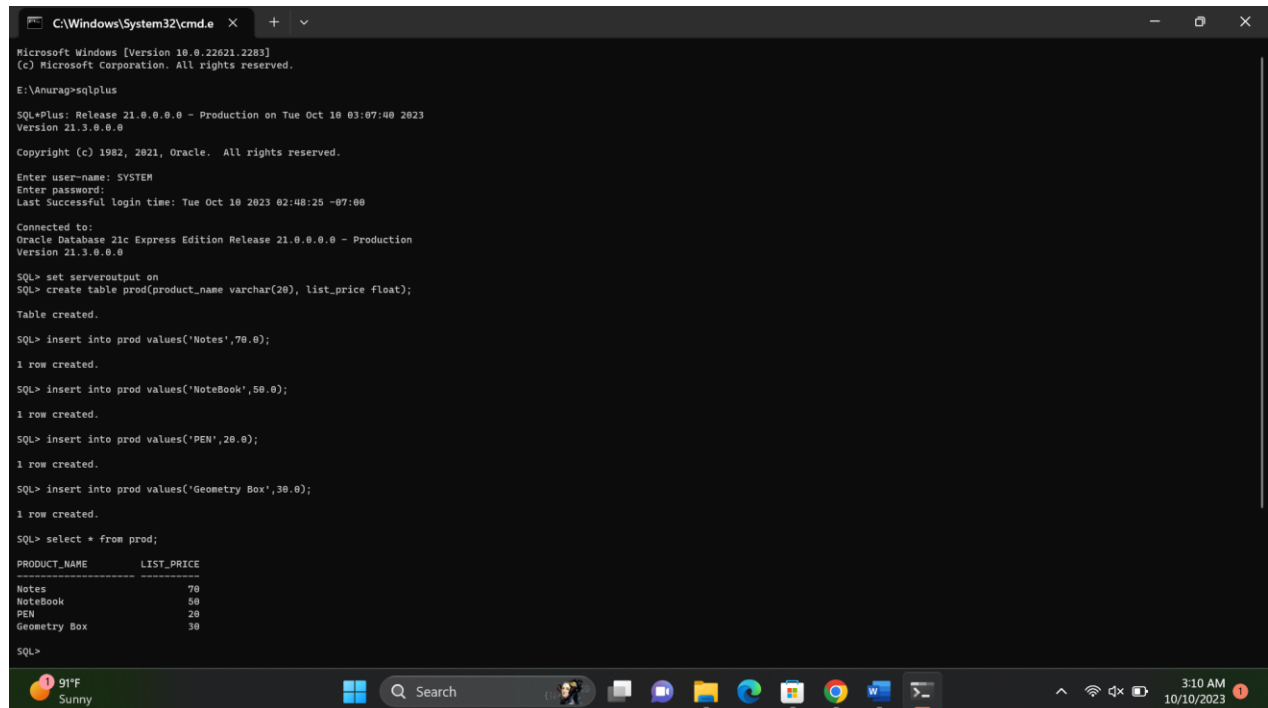
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Program:-

```
DECLARE
r_product products%rowtype;
CURSOR c_product (low_price NUMBER, high_price NUMBER)
IS
SELECT * FROM prod WHERE list_price BETWEEN low_price AND high_price;
BEGIN
dbms_output.put_line('Products between 30 and 60: ');
OPEN c_product(30,60);
LOOP
FETCH c_product INTO r_product;
EXIT WHEN c_product%notfound;
dbms_output.put_line(r_product.product_name || ': ' || r_product.list_price);
END LOOP;
CLOSE c_product;
END;
/
```

Output:-



```
C:\Windows\System32\cmd.e
Microsoft Windows [Version 10.0.22621.2283]
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E:\Anurag>sqlplus

SQL*Plus: Release 21.0.0.0.0 - Production on Tue Oct 10 03:07:40 2023
Version 21.3.0.0.0

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Enter user-name: SYSTEM
Enter password:
Last Successful login time: Tue Oct 10 2023 02:48:25 -07:00

Connected to:
Oracle Database 21c Express Edition Release 21.0.0.0.0 - Production
Version 21.3.0.0.0

SQL> set serveroutput on
SQL> create table prod(product_name varchar(20), list_price float);
Table created.
SQL> insert into prod values('Notes',70.0);
1 row created.
SQL> insert into prod values('NoteBook',50.0);
1 row created.
SQL> insert into prod values('PEN',20.0);
1 row created.
SQL> insert into prod values('Geometry Box',30.0);
1 row created.
SQL> select * from prod;

PRODUCT_NAME      LIST_PRICE
-----
Notes              70
NoteBook           50
PEN                20
Geometry Box       30

SQL>
```