DBMS Practical-

DBMS Practical-Trigger
Name-Jadhav Anurag Sanjay
Roll N0-13171
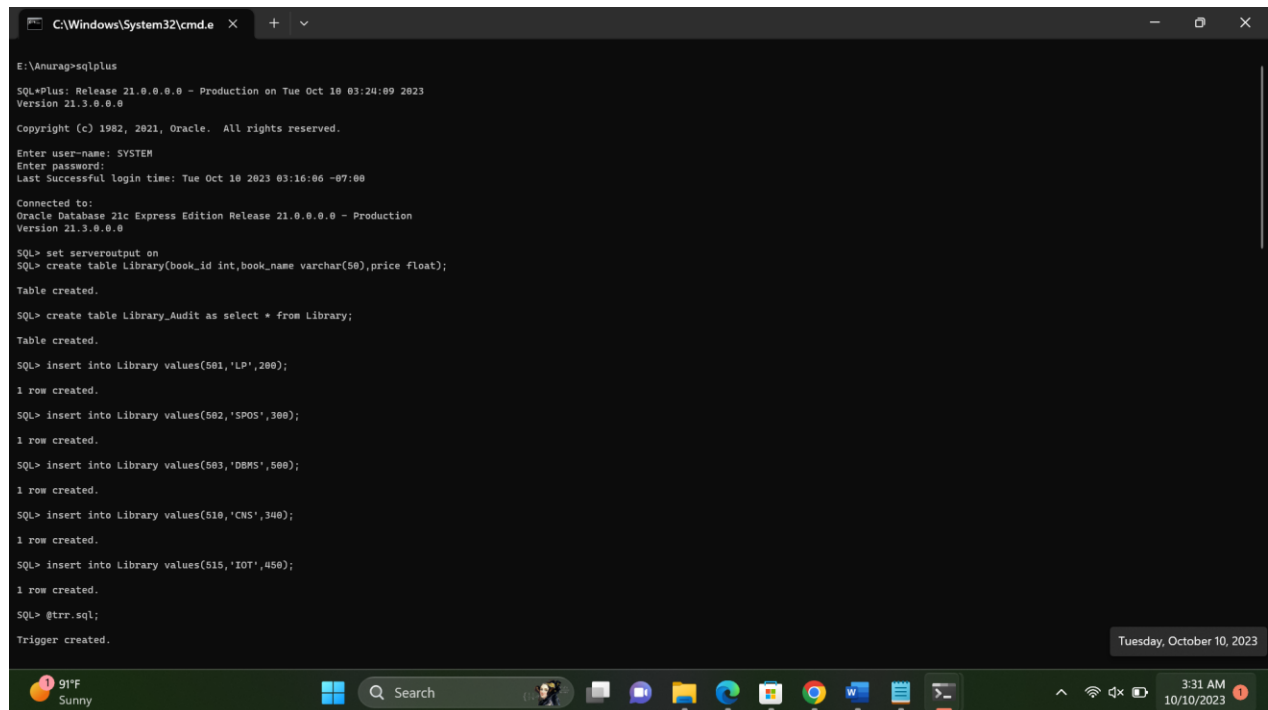Div-A

Program:-
```
create or replace trigger trg_library_adt
after update or delete on Library for each row

declare
diff_price float;
begin
if updating then
insert into Library_Audit values (:old.book_id,:old.book_name,:old.price);
diff_price:=:new.price-:old.price;
dbms_output.put_line('Difference between price:'||diff_price);
elsif deleting then
insert into Library_Audit values (:old.book_id,:old.book_name,:old.price);
end if;
end;
/
```
Output:-

```
SP2-0734: unknown command beginning "SQL> selec..." - rest of line ignored.
SP2-0044: For a list of known commands enter HELP
and to leave enter EXIT.
SP2-0734: unknown command beginning "BOOK_ID BO..." - rest of line ignored.
SP2-0042: unknown command "SQL>" - rest of line ignored.
SQL> select * from library;

    BOOK_ID BOOK_NAME                                              PRICE
---------- -------------------------------------------------- ----------
        501 LP                                                    200
        502 SPOS                                                  300
        503 DBMS                                                  500
        510 CNS                                                   340
        515 IOT                                                   450

SQL> UPDATE library SET price=300 where book_id=503;
Difference between price:-200

1 row updated.

SQL> delete from library where book_id=510;

1 row deleted.

SQL> select * from library_audit;

    BOOK_ID BOOK_NAME                                              PRICE
---------- -------------------------------------------------- ----------
        503 DBMS                                                  500
        510 CNS                                                   340

SQL>
```