**Practical no:4**

declare

r number;

bn varchar(30);

isd date;

rd date;

d int;

amt float(62);

begin

r:=&r;

bn:='&bn';

rd:=sysdate;

select issuedate into isd from borrower where rollno=r and bookname=bn and status='I';

d:=rd-isd;

dbms\_output.Put\_line('no of days'||d);

if d<15 then

dbms\_output.Put\_line('no fine');

update borrower set status='R' where rollno=r and bookname=bn;

elsif d>15 and d>30 then

amt:=d\*5;

update borrower set status='R' where rollno=r and bookname=bn;

elsif d>30 then

amt:=d\*50;

update borrower set status='R' where rollno=r and bookname=bn;

else

dbms\_output.Put\_line('record not match');

end if;

if amt>0 then

insert into fine values(r,rd,amt);

end if;

Exception

when no\_data\_found then

dbms\_output.Put\_line('record not match for the table');

end;

/

SQL\*Plus: Release 21.0.0.0.0 - Production on Tue Sep 2 20:32:37 2025

Version 21.3.0.0.0

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Enter user-name: system

Enter password:

Last Successful login time: Tue Sep 02 2025 16:27:35 +05:30

Connected to:

Oracle Database 21c Express Edition Release 21.0.0.0.0 - Production

Version 21.3.0.0.0

SQL> create table borrower (rollno int, name varchar(30),issuedate date, bookname varchar(30),status varchar(1));

Table created.

SQL> insert into borrower values(101,'priya','17-jul-2025','java','I');

1 row created.

SQL> create table fine(rollno int, returndate date,amount float(62));

Table created.

SQL> insert into fine values(101,'19-aug-2025',250);

1 row created.

SQL> SET SERVEROUTPUT ON;

SQL> @C:\Users\HP\OneDrive\Desktop\TE-A1\prog4.sql

Enter value for r: 101

old 9: r:=&r;

new 9: r:=101;

Enter value for bn: java

old 10: bn:='&bn';

new 10: bn:='java';

no of days48

PL/SQL procedure successfully completed.

SQL> select \* from fine;

ROLLNO RETURNDAT AMOUNT

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101 19-AUG-25 250

101 02-SEP-25 240