

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(18,'divya','12-aug-2025','dbms','I');
```

1 row created.

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

Table created.

```
SQL> insert into fine values(18,'19-aug-2025',280);
```

1 row created.

```
SQL> SET SERVEROUTPUT ON;
```

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

Enter value for r: 18

old 9: r:=&r;

new 9: r:=18;

Enter value for bn: dbms

old 10: bn:='&bn';

new 10: bn:='dbms';

no of days 28

PL/SQL procedure successfully completed.

```
SQL> select * from fine;
```

ROLLNO RETURNDAT AMOUNT

18 19-AUG-25 280

18 02-SEP-25 240