

Unnamed PL/SQL code block: Use of Control structure and Exception handling is mandatory.

the enclosing code
terminates.

```

DECLARE
r int;
bn varchar(20);
amt float;
d int;
idt date;
rdt date;
BEGIN
r:=&r;
bn:=&bn;
select idate into idt from borrower where roll=r and book_name=bn and status='T';
select sysdate into rdt from dual;
d:=rdt-idt;
if d < 15 then
    dbms_output.put_line('No Fine');
elsif d > 15 and d < 30 then
    amt:=d*5;
elsif d > 30 then
    amt:=d*50;
else
    dbms_output.put_line('Invalid input');
end if;
if amt > 0 then
    insert into fine values(r,rdt,amt);
end if;
if SQL%found then
    update borrower set status='R' where roll=r and book_name=bn and status='T';
end if;
EXCEPTION

```

```

when No_data_found then
dbms_output.put_line('No data found');
end;

```

Output:

```
SQL> create table borrower(roll_no int, name varchar(20), bname varchar(20),
idate date, status varchar(5));
```

Table created.

```
SQL> insert into borrower values(101,'Vaibhav','DBMS','23-AUG-23','I');
```

1 row created.

```
SQL> insert into borrower values(102,'Amey','TOC','12-JULY-23','I');
```

1 row created.

```
SQL> insert into borrower values(103,'Manoday','IOT','14-JULY-23','I');
```

1 row created.

```
SQL> insert into borrower values(104,'Priyanka','SPOS','14-JULY-23','R');
```

1 row created.

```
SQL> select * from borrower;
```

ROLL_NO	NAME	BNAME	IDATE	STATUS
101	Vaibhav	DBMS	23-AUG-23	I
102	Amey	TOC	12-JUL-23	I
103	Manoday	IOT	14-JUL-23	I
104	Priyanka	SPOS	14-JUL-23	R

```
SQL> create table fine ( roll_no int, rdate date, amount float);
```

Table created.

@demo.sql

Enter value for r: 101

old 11: r:=&r;

new 11: r:=101;

Enter value for bn: DBMS

old 12: bn:='&bn';

new 12: bn:='DBMS';

PL/SQL procedure successfully completed.

SQL> select * from borrower;

ROLL_NO	NAME	BNAME	IDATE	STATUS
101	Vaibhav	DBMS	23-AUG-23	I
102	Amey	TOC	12-JUL-23	I
103	Manoday	LOT	14-JUL-23	I
104	Priyanka	SPOS	14-JUL-23	R

SQL> @demo.sql

Enter value for r: 102

old 11: r:=&r;

new 11: r:=102;

Enter value for bn: TOC

old 12: bn:='&bn';

new 12: bn:='TOC';

PL/SQL procedure successfully completed.

SQL> select * from fine;

ROLL_NO	RDATE	AMOUNT
102	28-AUG-23	2350