# PL/SQL BLOCK OF CODE

```
declare
  sroll number(3) ;
  nbook varchar2(20);
  countofdays number(5);
  fine30amt number(5);
  Idate date;

  begin
  sroll := &sroll;

  select issudate into idate from borrower30 where roll_no=sroll;
  dbms_output.put_line('----------------------------------------------------------------');
  dbms_output.put_line('Book Issue Date: '||idate);
  dbms_output.put_line('----------------------------------------------------------------');
  SELECT (sysdate-idate)into countofdays FROM dual;
  dbms_output.put_line('Number of days: '||Countofdays);
  dbms_output.put_line('----------------------------------------------------------------');

  if countofdays>30 then
  fine30amt:=(countofdays-30)*50+75;
  insert into fine30(roll_no,returnDate,AMT)values(sroll,sysdate,fine30amt);
  update borrower30 set status='R' where roll_no=sroll;
  dbms_output.put_line('----------------------------------------------------------------');
  dbms_output.put_line('You Have to Pay  Fine:RS'|| fine30amt);
  dbms_output.put_line('----------------------------------------------------------------');
  end if;

  if(countofdays>15 AND countofdays<=30)then
  fine30amt:=(countofdays-15)*5;
  insert into fine30(roll_no,returnDate,AMT)values(sroll,sysdate,fine30amt);
  update borrower30 set status='R' where roll_no=sroll;
  dbms_output.put_line('----------------------------------------------------------------');
  dbms_output.put_line('You Have to Pay  Fine:RS '|| fine30amt);
  dbms_output.put_line('----------------------------------------------------------------');
  end if;

  if(countofdays>1 AND countofdays<=15)then
  --fine30amt:=(countofdays-15)*5;
  --insert into fine30(roll_no,returnDate,AMT)values(sroll,sysdate,fine30amt);
  update borrower30 set status='R' where roll_no=sroll;
  dbms_output.put_line('----------------------------------------------------------------');
  dbms_output.put_line('Thank you So Much Book return successfully!');
  dbms_output.put_line('----------------------------------------------------------------');

  end if;

exception
```

```
    when no_data_found then
         dbms_output.put_line('Roll no  ' || sroll ||'   not found!');

  end;
/
```

Output:-

```
50  exception
51   when no_data_found then
52   dbms_output.put_line('Roll no  ' || sroll ||'   not found!');
53
54    end;
55  /
Enter value for sroll: 3
old   9:    sroll := &sroll;
new   9:    sroll := 3;
-----------------------------------------------------------------
Book Issue Date: 13-AUG-2018
-----------------------------------------------------------------
Number of days:42
-----------------------------------------------------------------
-----------------------------------------------------------------
You Have to Pay  Fine:RS675
-----------------------------------------------------------------

PL/SQL procedure successfully completed.
```