**Roll No: 63**

**Assignment No: 4**

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

**Program and Output:**

create table borrower\_t1(roll\_no int,name varchar(20),date\_of\_i date,name\_of\_book varchar(20),status varchar(10));

Drop table fine\_t1;

create table fine\_t1(roll\_no int,date\_of\_r date,amt int);

insert into borrower\_t1 values(1,’Rutuja’,’10/11/2022’,’harry potter’,’i’);

ALTER session set NLS\_DATE\_FORMAT=’DD/MM/YYYY’;

insert into borrower\_t1 values(1,’Rutuja’,’12/11/2022’,’harry potter’,’i’);

**Add the record as required**

insert into borrower\_t1 values(2,’Sathe’,’13/11/2020’,’iceage’,’i’);

select \* from borrower\_t1;

insert into borrower\_t1 values(4,’Rutuja’,’10/11/2022’,’pokemon’,’i’);

insert into borrower\_t1 values(5,’Nita’,’12/11/2022’,’duel’,’r’);

insert into borrower\_t1 values(6,’Neha’,’13/11/2022’,’hindikatha’,’i’);

select \* from borrower\_t1;

declare

roll int:=&roll\_number;

b\_name varchar(20):=&bookname;

mdays int:=0;

ndays date;

fine\_amt int:=0;

begin

select date\_of\_i into ndays from borrower\_t1 where roll\_no=roll and

name\_of\_book=b\_name;

mdays:=sysdate-ndays;

if mdays>=15 and mdays<30 then

fine\_amt:=(mdays-15)\*5;

elsif mdays&gt;=30 then

fine\_amt:=15\*5+(mdays-30)\*50;

end if;

update borrower\_t1 set status=’r’ where roll\_no=roll and

name\_of\_book=b\_name;

if fine\_amt>0 then

insert into fine\_t1 values(roll,sysdate,fine\_amt);

end if;

exception

when no\_data\_found then

dbms\_output.put\_line(‘No data found’);

when others then

dbms\_output.put\_line(‘Exception occurred’);

end;

/

Enter the asked values :

4

Pokemon

Check the fine in fine table:

select \* from fine\_t1;