

```
SQL> SET SERVEROUT ON
```

```
SQL> SET VERIFY OFF
```

```
SQL> DROP TABLE BORROWER;
```

Table dropped.

```
SQL> DROP TABLE FINE;
```

Table dropped.

```
CREATE TABLE borrower(roll_no NUMBER , name VARCHAR2(10), dateofissue  
DATE,name_of_book VARCHAR2(20), status VARCHAR2(10));
```

Table created.

```
SQL> CREATE TABLE fine(roll_no NUMBER,date_of_return DATE,amt NUMBER);
```

Table created.

```
INSERT INTO borrower VALUES(45,'ASHUTOSH',TO_DATE('01-08-2022','DD-MM-YYYY'),'HARRY  
POTTER','PENDING');
```

1 row created.

```
INSERT INTO borrower VALUES(46,'ARYAN',TO_DATE('15-08-2022','DD-MM-YYYY'),'DARK  
MATTER','PENDING');
```

1 row created.

```
INSERT INTO borrower VALUES(47,'ROHAN',TO_DATE('24-08-2022','DD-MM-YYYY'),'SILENT  
HILL','PENDING');
```

1 row created.

```
INSERT INTO borrower VALUES(48,'SANKET',TO_DATE('26-08-2022','DD-MM-YYYY'),'GOD OF  
WAR','PENDING');
```

1 row created.

```
INSERT INTO borrower VALUES(49,'SARTHAK',TO_DATE('09-09-2022','DD-MM-YYYY'),'SPIDER  
MAN','PENDING');
```

1 row created.

```
DECLARE
```

```
  i_roll_no NUMBER;
```

```
  name_of_book VARCHAR2(25);
```

```
  no_of_days NUMBER;
```

```
  return_date DATE := TO_DATE(SYSDATE,'DD-MM-YYYY');
```

```

temp NUMBER;

doi DATE;

fine NUMBER;

BEGIN

i_roll_no := &i_roll_no;

name_of_book := '&nameofbook';

--dbms_output.put_line(return_date);

SELECT to_date(borrower.dateofissue,'DD-MM-YYYY') INTO doi FROM borrower WHERE

borrower.roll_no = i_roll_no AND borrower.name_of_book = name_of_book;

no_of_days := return_date-doi;

dbms_output.put_line(no_of_days);

IF (no_of_days >15 AND no_of_days <=30) THEN

fine := 5*no_of_days;


ELSIF (no_of_days>30 ) THEN

temp := no_of_days-30;

fine := 150 + temp*50;

END IF;

dbms_output.put_line(fine);

INSERT INTO fine VALUES(i_roll_no,return_date,fine);

UPDATE borrower SET status = 'RETURNED' WHERE borrower.roll_no = i_roll_no;

END;

/

```

Enter value for i_roll_no: 46

Enter value for nameofbook: DARK MATTER

725

34900

PL/SQL procedure successfully completed.

SQL> SELECT * FROM BORROWER;

ROLL_NO	NAME	DATEOFISS	NAME_OF_BOOK	-----	-----
45	ASHUTOSH	01-AUG-22	HARRY POTTER		

46

ARYAN

47 ROHAN 24-AUG-22 SILENT HILL

48 SANKET 26-AUG-22 GOD OF WAR

49

SARTHAK 09-SEP-22 SPIDER-MAN

SQL> SELECT * FROM FINE;

ROLL_NO	DATE_OF_R	AMT	-----
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46	-----		
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09-AUG-24		34900	
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