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 ----------

46 ---------

09-AUG-24 34900