SET SERVEROUT ON

SET VERIFY OFF

CREATE TABLE borrower (

roll\_no NUMBER,

name VARCHAR2(25),

dateofissue DATE,

name\_of\_book VARCHAR2(25),

status VARCHAR2(20)

);

CREATE TABLE fine (

roll\_no NUMBER,

date\_of\_return DATE,

amt NUMBER

);

INSERT INTO borrower VALUES(45, 'ASHUTOSH', TO\_DATE('01-08-2023', 'DD-MM-YYYY'), 'HARRY POTTER', 'PENDING');

INSERT INTO borrower VALUES(46, 'ARYAN', TO\_DATE('15-08-2023', 'DD-MM-YYYY'), 'DARK MATTER', 'PENDING');

INSERT INTO borrower VALUES(47, 'ROHAN', TO\_DATE('24-08-2023', 'DD-MM-YYYY'), 'SILENT HILL', 'PENDING');

INSERT INTO borrower VALUES(48, 'SANKET', TO\_DATE('26-08-2023', 'DD-MM-YYYY'), 'GOD OF WAR', 'PENDING');

INSERT INTO borrower VALUES(49, 'SARTHAK', TO\_DATE('09-09-2023', 'DD-MM-YYYY'), 'SPIDER-MAN', 'PENDING');

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';

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

AND ROWNUM = 1;

no\_of\_days := return\_date - doi;

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;

INSERT INTO fine VALUES(i\_roll\_no, return\_date, fine);

UPDATE borrower SET status = 'RETURNED' WHERE borrower.roll\_no = i\_roll\_no;

END;

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