

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;

/
```