

Q. Write a PL/SQL block of code for the following requirements:-

Schema: Customer(cust_id,name,dateOfPayment,nameOfScheme,status)

Fine(cust_id,date,amt)

1. Accept cust_id and nameOfScheme from user.
2. Check the number of days (from dateOfPayment), if days are between 15 to 30 then fine amount will be Rs 5 per day.
3. If number of days > 30, per day fine will be Rs 50 per day.
4. After payment, status will change from N to P.
5. If condition of fine is true, then details will be stored in Fine table.

declare

```
    id number;
    scheme varchar2(20);
    dateCheck date;
    dateTab date;
    dateDiff number;
    fine number;
    abcd exception;
```

begin

```
    id := &id;
    if (id<=0) then
        raise abcd;
    elsif (id>0) then
        scheme := &scheme;
        dateCheck := '15/MAR/19';
        select DOP into dateTab from cust where cust_id = id and NOS = scheme;
        dateDiff := dateCheck - dateTab;
        if (dateDiff > 15 and dateDiff < 30) then
            fine := dateDiff * 5;
        elsif (dateDiff > 30) then
            fine := dateDiff * 50;
        insert into fine1 values (id, dateCheck, fine);
        update cust set status = 1 where cust_id = id;
        end if;
    end if;
```

exception

```
    when abcd then
        dbms_output.put_line('ID cannot be negative');
```

end;

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