

# Explicit Cursor Q1

Create a hostel mess database with fields(stud\_no, name, messfee, veg/nonveg).

Write a PL/SQ program to increase the mess fee of vegetarians by 10% and non vegetarians by 20%.

Also create tables vegetarian and non\_vegetarian which includes fields: stud\_no, name, raise\_in\_fee and date on which raise was given. Insert values into these tables through PL/SQL program.

## **Program:**

```
declare
    cursor c is select * from mess;
    m mess%rowtype;
    raisef number;

begin
    open c;
    loop
        fetch c into m;
        exit when c%notfound;
        if m.veg_nonveg = 'veg' then
            raisef := m.messfee*0.1;
            UPDATE mess SET messfee = messfee+raisef WHERE
stud_no=m.stud_no;
            INSERT INTO VEGETARIAN VALUES(m.stud_no, m.name,
raisef, sysdate);

        elsif m.veg_nonveg = 'nonveg' then
            raisef := m.messfee*0.2;
            UPDATE mess SET messfee = messfee+raisef WHERE
stud_no=m.stud_no;
```

```

                INSERT INTO NON_VEGETARIAN VALUES(m.stud_no,
m.name, raisef, sysdate);
            end if;
        end loop;
    close c;
end;

```

## Output:

PL/SQL procedure successfully completed.

SQL> select \* from mess;

STUD_NO	NAME	MESSFEE	VEG_NONVEG
69	Vivek	4950	veg
61	Sumayya	5400	nonveg
70	Zameel	4200	nonveg
40	Prinu	4200	nonveg

SQL> select \* from vegetarian;

STUD_NO	NAME	RAISE_IN_FEE	DATE_RAIS
69	Vivek	450	07-DEC-22

SQL> select \* from non\_vegetarian;

STUD_NO	NAME	RAISE_IN_FEE	DATE_RAIS
61	Sumayya	900	07-DEC-22
70	Zameel	700	07-DEC-22
40	Prinu	700	07-DEC-22

SQL>