Explicit cursor Q1

Create a hostel mess database with fields(stud_no, name, messfee, veg/nonveg). Write a PL/SQL

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.

Add submission

Code

```
declare

cursor c is SELECT * FROM hostelmess;

a hostelmess%rowtype;

raise_in_fee number;

begin

open c;

loop

FETCH c INTO a;

exit when c%notfound;

if a.vegornveg='veg' then

raise_in_fee:=a.messfee*0.1;
```

```
UPDATE hostelmess SET messfee=messfee+raise_in_fee WHERE
student_no=a.student_no;

INSERT INTO vegitarian VALUES(a.student_no, a.name, raise_in_fee, sysdate);

elsif a.vegornveg='non_veg' then

raise_in_fee:=a.messfee*0.2;

UPDATE hostelmess SET messfee=messfee+raise_in_fee WHERE
student_no=a.student_no;

INSERT INTO nonvegitarian VALUES(a.student_no, a.name, raise_in_fee, sysdate);

end if;

end loop;

close c;

end;
```

OUTPUT

```
SQL> select * from hostelmess;

STUDENT_NO NAME                    MESSFEE VEGORNVEG
---------- -------------------- ---------- --------------------
         1 susan                      5400 non_veg
         2 sumayya                    6000 non_veg
         3 reeba                      3300 veg
```

```
SQL>  select * from vegitarian;

STUDENT_NO NAME                 RAISE_IN_FEE DATE_OF_R
---------- -------------------- ------------ ---------
         3 reeba                         300 16-DEC-22

SQL>  select * from nonvegitarian ;

STUDENT_NO NAME                 RAISE_IN_FEE DATE_OF_R
---------- -------------------- ------------ ---------
         1 susan                         900 16-DEC-22
         2 sumayya                      1000 16-DEC-22
```