drop table employee\_1;

create table employee\_1(emp\_id int, emp\_name varchar(10),salary float, grade varchar(20));

insert into employee\_1(emp\_id,emp\_name,salary,grade) values (1,'Abhi',15000,'A');

insert into employee\_1(emp\_id,emp\_name,salary,grade) values (2,'Bhim',15000,'B');

insert into employee\_1(emp\_id,emp\_name,salary,grade) values (3,'Devi',15000,'C');

select \* from employee\_1;

create or replace procedure emp(emp\_id in int,emp\_name in varchar,salary in out float,grade in varchar)

is

begin

if (grade = 'A')

then salary:=(salary+(salary\*0.3));

elsif (grade = 'B')

then salary:=(salary+ (salary\*0.2));

elsif (grade = 'C')

then salary:=(salary+ (salary\*0.1));

else

salary := salary;

end if;

end;

declare

cursor c\_cur is select \* from employee\_1;

v\_cur c\_cur%rowtype;

i int;

begin

open c\_cur;

dbms\_output.put\_line('Employee id | Employee name | Salary | Grade ');

dbms\_output.put\_line('.................................................');

for i in 1..100 loop

fetch c\_cur into v\_cur;

exit when c\_cur%notfound;

emp(v\_cur.emp\_id,v\_cur.emp\_name,v\_cur.salary,v\_cur.grade);

update employee\_1 set salary=v\_cur.salary where emp\_id=v\_cur.emp\_id;

dbms\_output.put\_line(v\_cur.emp\_id||' | '||v\_cur.emp\_name||' | '||v\_cur.salary||' | '||v\_cur.grade);

end loop;

dbms\_output.put\_line('.................................................');

close c\_cur;

end;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*OUTPUT\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Table dropped.

Table created. 1 row(s) inserted. 1 row(s) inserted. 1 row(s) inserted.

Result Set 7

|  |  |  |  |
| --- | --- | --- | --- |
| **EMP\_ID** | **EMP\_NAME** | **SALARY** | **GRADE** |
| 1 | Abhi | 15000 | A |
| 2 | Bhim | 15000 | B |
| 3 | Devi | 15000 | C |

[Download CSV](https://livesql.oracle.com/apex/f?p=590:1:6537079936293::NO:RP::)  
3 rows selected.

Procedure created.

Statement processed.  
Employee id | Employee name | Salary | Grade   
.................................................  
1 | Abhi | 19500 | A  
2 | Bhim | 18000 | B  
3 | Devi | 16500 | C  
.................................................

Student table procedure

drop table student;

create table student(rno int ,sub1 int,sub2 int,sub3 int,per int,grade varchar(15));

insert into student (rno,sub1,sub2,sub3) values(1,75,85,94);

insert into student (rno,sub1,sub2,sub3) values(2,85,74,75);

insert into student (rno,sub1,sub2,sub3) values(3,92,85,83);

select \* from student;

create or replace procedure percent(rno in int,m1 in int,m2 in int,m3 in int,per out float,grade out varchar)

is

begin

per:=(((m1+m2+m3)/300)\*100);

if(per>=75)

then grade:='First Class';

elsif(per>=50 and per<75)

then grade:='Second Class';

elsif(per>=35 and per<50)

then grade:='Pass';

else

grade:='Fail';

end if;

end;

declare

cursor c\_cur is select \* from student;

v\_cur c\_cur%rowtype;

i int;

begin

open c\_cur;

dbms\_output.put\_line('Rno | Subject1 | Subject2 | Subject3 | Percent | Grade ');

dbms\_output.put\_line('................................................................................................');

for i in 1..100 loop

fetch c\_cur into v\_cur;

exit when c\_cur%notfound;

percent(v\_cur.rno,v\_cur.sub1,v\_cur.sub2,v\_cur.sub3,v\_cur.per,v\_cur.grade);

update student set per=v\_cur.per,grade=v\_cur.grade where rno=v\_cur.rno;

dbms\_output.put\_line(v\_cur.rno||' | '||v\_cur.sub1||' | '||v\_cur.sub2||' | '||v\_cur.sub3||' | '||v\_cur.per||' | '||v\_cur.grade);

end loop;

dbms\_output.put\_line('.................................................................................................');

close c\_cur;

end;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*OUTPUT\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Table dropped.

Table created. 1 row(s) inserted. 1 row(s) inserted. 1 row(s) inserted.

## Result Set 6

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **RNO** | **SUB1** | **SUB2** | **SUB3** | **PER** | **GRADE** |
| 1 | 75 | 85 | 94 | - | - |
| 2 | 85 | 74 | 75 | - | - |
| 3 | 92 | 85 | 83 | - | - |

[Download CSV](https://livesql.oracle.com/apex/f?p=590:1:598497048133::NO:RP::)  
3 rows selected.

Procedure created.

Statement processed.  
Rno | Subject1 | Subject2 | Subject3 | Percent | Grade   
................................................................................................   
1 | 75 | 85 | 94 | 84.66666666666666666666666666666666666667 | First Class  
2 | 85 | 74 | 75 | 78 | First Class  
3 | 92 | 85 | 83 | 86.66666666666666666666666666666666666667 | First Class  
................................................................................................