**EXP 12 - Procedure**

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1. Write a procedure that that takes two numbers as parameters and display the multiplication table of first parameter till second.

create or replace procedure multiplication(a number, b number) is

i number;

begin

for i in 1 .. b loop

dbms\_output.put\_line(a || ' \* ' || i || ' = ' || (a\*i));

end loop;

end;

**OUPUT**

Procedure created.

declare

a number;

b number;

begin

a:=:Num;

b:=:NoOfTimes;

multiplication(a, b);

end;

**OUPUT for a=5, b=10**

5 \* 1 = 5

5 \* 2 = 10

5 \* 3 = 15

5 \* 4 = 20

5 \* 5 = 25

5 \* 6 = 30

5 \* 7 = 35

5 \* 8 = 40

5 \* 9 = 45

5 \* 10 = 50

1. Consider an employee table. Write a procedure raise salary. It accepts an employee number and increases the salary amount. It uses employee number to find current salary from employee table and update it

create table employee12(empid number, salary number);

insert into employee12 values (1, 100);

select \* from employee12 where empid = 1;

**OUPUT**

|  |  |
| --- | --- |
| **EMPID** | **SALARY** |
| 1 | 100 |

create or replace procedure raiseSalary(eid number, incrementAmt number) is

begin

update employee12 set salary = salary + incrementAmt where empid = eid;

end;

declare

eid number;

raiseAmount number;

begin

eid:=:eid;

raiseAmount:=:raiseAmount;

raiseSalary(eid, raiseAmount);

end;

select \* from employee12 where empid = 1;

**OUPUT for eid = 1, raiseAmount = 5000**

|  |  |
| --- | --- |
| **EMPID** | **SALARY** |
| 1 | 5100 |