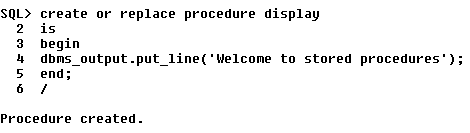
***PRACTICAL 5***

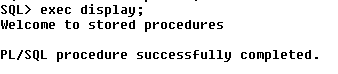
***STORED PROCEDURES***

**1. Write a PL/SQL program of stored procedures to print 'Welcome to stored procedures'.**

**Code:**

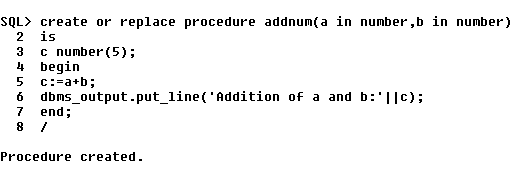
****

**Output:**

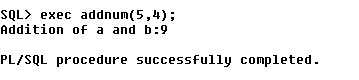
****

**2. Write a PL/SQL program of stored procedures to add two numbers.**

**Code:**

****

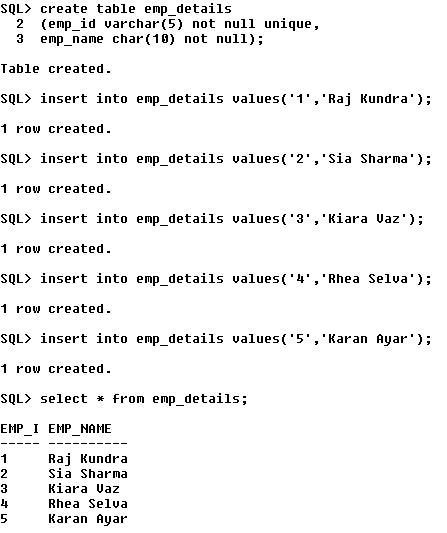
**Output:**

****

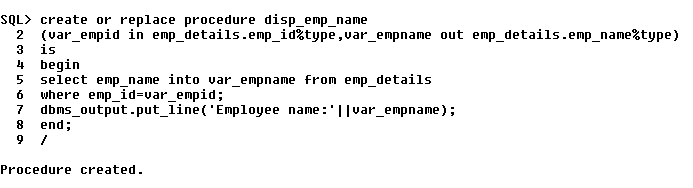
**3. Write a PL/SQL program of stored procedures to accept employee id and display employee name.**

**Code:**

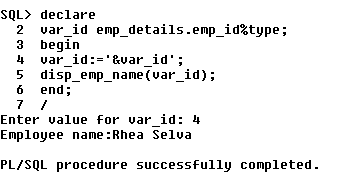
**i) create table employee and insert values into it.**

****

**ii) create procedure disp\_emp\_name**

****

**iii) call procedure from a pl/sql program.**

****

**4. Write a procedure sal\_increase it should behave as follows:**

**a) if salary is in between 10000 and 20000 increment 12%**

**b) if salary is in between 20000 and 30000 increment 15%**

**c) if salary is greater than 30000 increment by 20%**

**Accept emp\_id from user and do the increment for the employee.**

**Consider table schema as follows:**

**emp(emp\_id,emp\_sal)**

**Code:**

**i) create table emp\_sal and insert values into it.**

**create table emp\_sal**

**(emp\_id varchar(5) not null unique,**

**emp\_salary number(10) not null);**

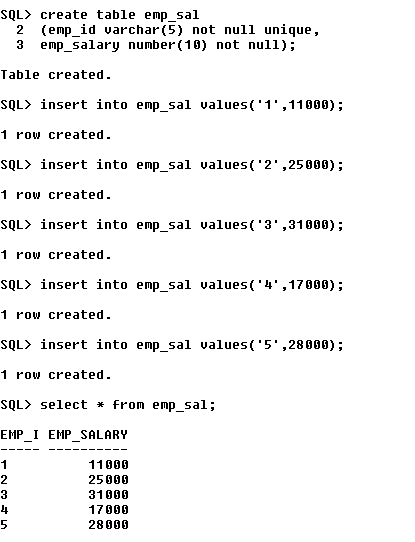
**insert into emp\_sal values('1',11000);**

**insert into emp\_sal values('2',25000);**

**insert into emp\_sal values('3',31000);**

**insert into emp\_sal values('4',17000);**

**insert into emp\_sal values('5',28000);**

****

**ii) create procedure update\_emp\_sal**

**create or replace procedure update\_emp\_sal**

**(var\_emp\_id in emp\_sal.emp\_id%type)**

**is**

**var\_emp\_salary emp\_sal.emp\_salary%type;**

**var number(8,2);**

**begin**

**select emp\_salary into var\_emp\_salary from emp\_sal**

**where emp\_id=var\_emp\_id;**

**if(var\_emp\_salary>10000 and var\_emp\_salary<=20000) then**

**var:=var\_emp\_salary+((12\*var\_emp\_salary)/100);**

**update emp\_sal set emp\_salary=var where emp\_id=var\_emp\_id;**

**elsif(var\_emp\_salary>20000 and var\_emp\_salary<=30000) then**

**var:=var\_emp\_salary+((15\*var\_emp\_salary)/100);**

**update emp\_sal set emp\_salary=var where emp\_id=var\_emp\_id;**

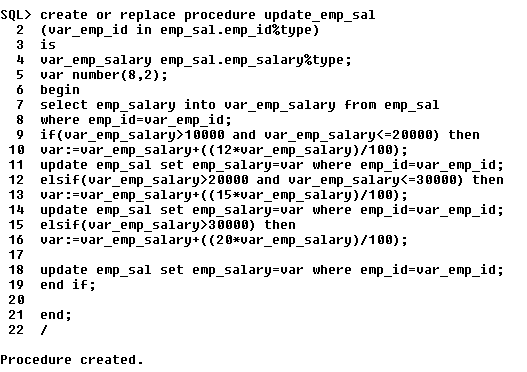
**elsif(var\_emp\_salary>30000) then**

**var:=var\_emp\_salary+((20\*var\_emp\_salary)/100);**

**update emp\_sal set emp\_salary=var where emp\_id=var\_emp\_id;**

**end if;**

**end;**

****

**iii) call procedure from a pl/sql program.**

**declare**

**var\_id number(3);**

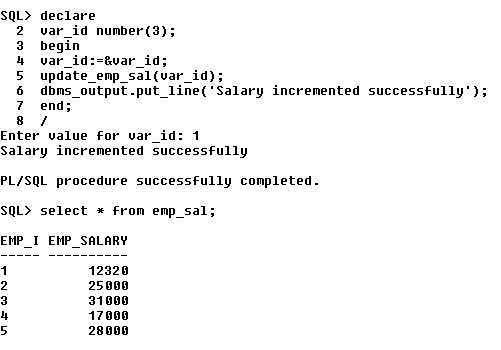
**begin**

**var\_id:=&var\_id;**

**update\_emp\_sal(var\_id);**

**dbms\_output.put\_line('Salary incremented successfully');**

**end;**

****

**5. Write a procedure to calculate area of triangle, rectangle and square.**

**Depends on users choice with case where it displays the respective area values.**