

Exercise 9**Stored & Invoke functions****Write a PL/SQL Program using stored functions and invoke functions**

Objective: the objective of this program is to create stored, invoke and complex functions.

Create function which adds two given numbers. (Simple programs)**Program:**

```
create or replace function add_fun(a number,b number)
return number as
C number;
begin
C:=a+b;
return c;
end;
```

Function created.

```
/*add_fun specification*/
Declare
Result number;
Begin
Result:=add_fun(10,20);
Dbms_output.put_line('the sum of 10 and 20 is'||result);
End;
Sql>/
```

Expected Output:

The sum of 10 and 20 is 30
Pl/sql procedure successfully completed.

Create a function which count total no.of employees having salary less than 6000.

Program:

```
/*function body*/
create or replace function count_emp(esal number) return number as
cursor vin_cur as Select emp_number, emp_sal from employee;
xno employee.emp_number%type;
xsal employee.emp_sal%type;
C number;
begin
open vin_cur;
C:=0;

loop
fetch vin_cur into xno,xsal;
if(xsal<esal) then
c:=c+1;
end if;
exit when vin_cur%notfound;
end loop;
close vin_cur;
return c;
end;
/
Function created.
/*function specification*/
declare
ne number;
xsal number;
begin
ne:=count_emp(xsal);
dbms_output.put_line(xsal);
dbms_output.put_line('there are '||ne||'employees');
end;
```

Expected Output:

There are 2 employees