

FUNCTION AND PROCEDURE

Write a function which accepts the reg_no and print the total marks. The student table has the fields: reg_no, name, physics_mark, chemistry_mark and maths_mark.

CODE

Function 1

```
create or replace function f( r number)
return number is
    t number;
    s studentf%rowtype;
begin
select physics_mark, chemistry_mark ,maths_mark into s.physics_mark, s.chemistry_mark ,
s.maths_mark from studentf
        where reg_no=r;
        t:=s.physics_mark+s.chemistry_mark+ s.maths_mark;
        return t;
end;
```

Function call

```
declare
    r number;
    t number;
begin
r:=&r;
t:=f(r);
dbms_output.put_line('total mark is : ' || t);
end;
```

OUTPUT

```
SQL> create table studentf(reg_no int , name varchar(20), physics_mark int , chemistry_mark int , maths_mark int);  
  
Table created.
```

```
SQL> insert into studentf values(1,'susan',80,50,50 );  
1 row created.  
  
SQL> insert into studentf values(2,'skaria',100,40,80 );  
1 row created.  
  
SQL> insert into studentf values(3,'alu',100,70,80 );  
1 row created.  
  
SQL> commit;  
Commit complete.
```

```
SQL> @Z:\DBMS\function_proc.sql;  
11 /  
  
Function created.
```

```
SQL> set serveroutput on;  
SQL> @Z:\DBMS\function_proc2.sql;  
9 /  
Enter value for r: 1  
old 5: r:=&r;  
new 5: r:=1;  
total mark is :180  
  
PL/SQL procedure successfully completed.
```