**SQL**

**CT 1412 - tutorials on chapter 12**

1. **Create a function that calculates the total salary for all employees who work in a department\_id given by the calling environment**

**Create function dept\_sum\_sal ( deptid employee.department\_id%type) return employee.salary%type**

**IS**

**Sum\_sal employee.salary%type := 0 ;**

**BEGIN**

**Select sum(salary) INTO sum\_sal FROM employees WHERE department\_id=deptid ;**

**Return sum\_sal;**

**EXCEPTION**

**When NO\_DATA\_FOUND then**

**return 0 ;**

**END;**

1. **create a procedure ( print\_total\_sal50 ) to use the previous function and print the total salary for department\_id = 50**

**set serverOutput ON**

**Create Procedure print\_total\_sal50**

**IS**

**deptid employee.department\_id%type := 50 ;**

**BEGIN**

**DBMS\_OUTPUt.PUTLINE ( ‘ The total salary for department\_id :’ || deptid || ‘ is ‘ || dept\_sum\_sal ( deptid ));**

**END;**