***FUNCTIONS PRACTICAL***

***Function book\_count***

*Create table book*

*(*

*Count number(2),*

*Bookname char(20),*

*Author char(10)*

*);*

*Insert into book values(10,’The alchemist’,’paulo coello’);*

*Insert into book values(11,’verity’,’collen hoover’);*

*Insert into book values(5,’one Indian girl’,’chetan bhagat’);*

*Insert into book values(10,’all I ever want’,’nikhil raj’);*

*create or replace function book\_count(author\_name in char)*

*return number*

*as*

*v\_count number(5);*

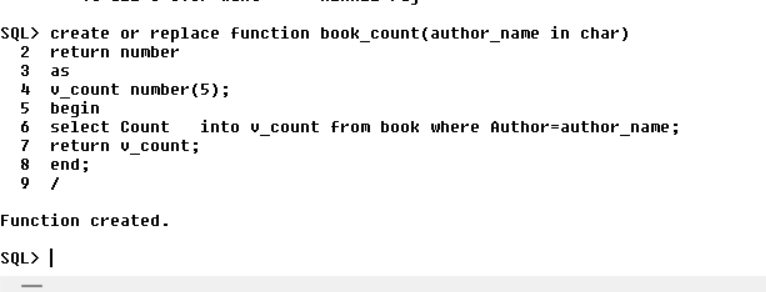
*begin*

*select Count into v\_count from book where Author=author\_name;*

*return v\_count;*

*end;*

*/*

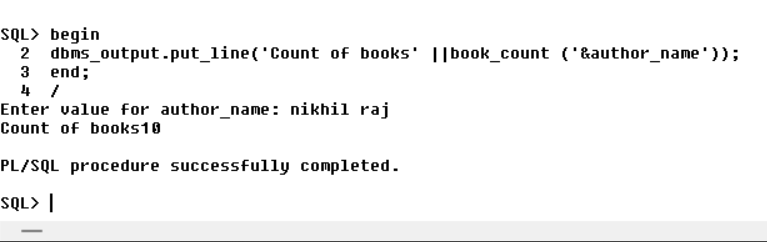
**

*begin*

*dbms\_output.put\_line(‘Count of books‘ ||book\_count (‘&author\_name’));*

*end;*

*/*

**

***Find maximum no:***

*create or replace FUNCTION findMax(x IN number, y IN number)*

*RETURN number*

*IS*

*z number;*

*BEGIN*

*IF x > y THEN*

*z:= x;*

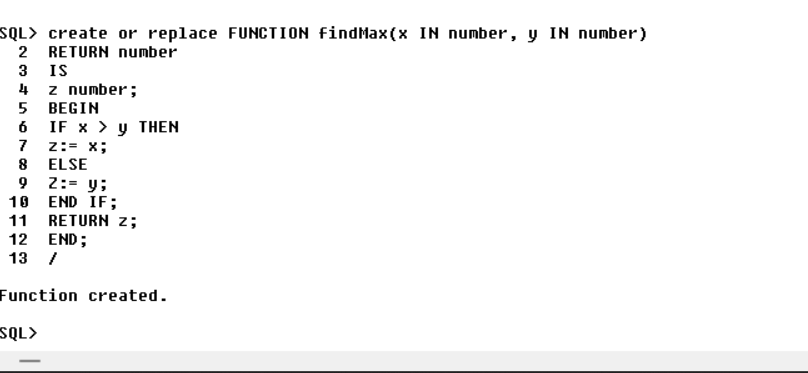
*ELSE*

*Z:= y;*

*END IF;*

*RETURN z;*

*END;*

**

*Declare*

*a number;*

*b number;*

*c number;*

*BEGIN*

*a:= 23;*

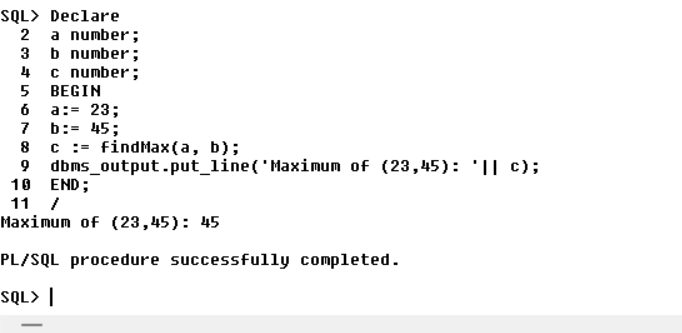
*b:= 45;*

*c := findMax(a, b);*

*dbms\_output.put\_line(‘Maximum of (23,45): ‘|| c);*

*END;*

*/*

**

***Create function to get name of employee from emp\_id:***

***Table:***

*Create table emp\_tbl*

*(*

*empID number(3),*

*first\_name char(10),*

*last\_name char (10)*

*);*

*Insert into emp\_tbl values(100,’nita’,’deshmukh’);*

*Insert into emp\_tbl values(101,’gayatri’,’patil’);*

*Insert into emp\_tbl values(102,’kartik’,’sharma’);*

*Insert into emp\_tbl values(103,’omkar’,’jadhav’);*

**

*CREATE OR REPLACE function details(id IN NUMBER)*

*RETURN char*

*AS*

*emp\_name char(10);*

*BEGIN*

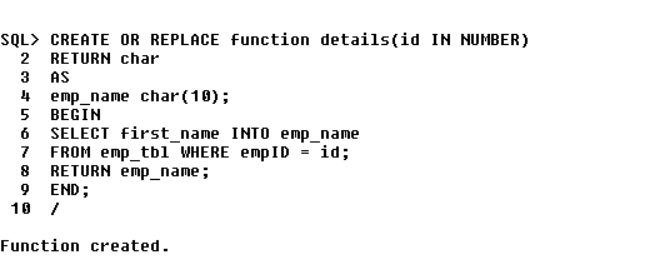
*SELECT first\_name INTO emp\_name*

*FROM emp\_tbl WHERE empID = id;*

*RETURN emp\_name;*

*END;*

*/*

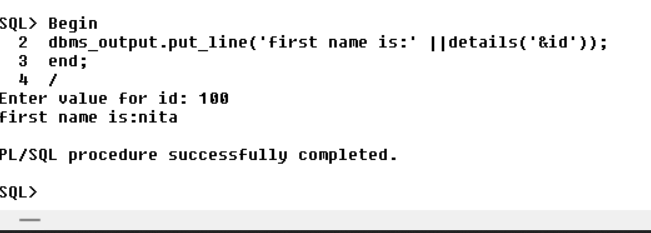
**

*Begin*

*dbms\_output.put\_line(‘first name is:’ ||details(‘&id’));*

*end;*

*/*

**