

Program 1FACTORIAL OF A NUMBER USING FUNCTION

CREATE OR REPLACE FUNCTION calculate\_Factorial(  
P-number IN NUMBER  
)  
RETURN NUMBER;  
IS  
    V-factorial NUMBER := 1;  
BEGIN  
    If P-number < 0 THEN  
        RAISE\_APP\_ERROR (-20001, Not defined)  
    ELSIF P-number = 0 THEN  
        V-factorial := 1  
    END IF;  
    END LOOP;  
    RETURN V-factorial;  
END;

Program 2

Write a PL/SQL program using Procedures IN,INOUT,OUT parameters to retrieve the corresponding book information in library

```
DECLARE
    v_id NUMBER := 101;
    v_title VARCHAR2(100);
    v_copies_id NUMBER := 100;
BEGIN
    DBMS_OUTPUT.PUT_LINE ('Initial Request :')
    get_book_info(v_id, v_title, v_copies_id);
    DBMS_OUTPUT.PUTLINE ('---Results---')
END;
```

Evaluation Procedure	Marks awarded
PL/SQL Procedure(5)	5
Program/Execution (5)	5
Viva(5)	5
Total (15)	15
Faculty Signature	Raj