```sql
DECLARE

ORG_STR varchar2(100):= 'HELLO';

REV_STR varchar2(100) := '';

BEGIN

FOR i IN REVERSE 1..LENGTH(ORG_STR) LOOP

REV_STR := REV_STR || SUBSTR(ORG_STR,i,1);

END LOOP;

DBMS_OUTPUT.PUT_LINE(REV_STR);

END;

/


create function add_numberss(n1 in number , n2 in number)

return number is

BEGIN

return n1+n2;

END add_numberss;

/


SELECT add_numberss(10, 20) AS sum_result FROM dual;
```

Write a PL/SQL function that accepts the department number and returns

the total salary of the department. Also, write a function to call the function.

```sql
create table EMP(

employee_id number,

employee_name varchar2(50),

salary number,

d_id number

);
```

```
create function Get_salary(d_id  in number)

return number

is

total_salary number;

BEGIN

select nvl(sum(salary),0) into total_salary

from EMP

where  d_id  = d_id  ;

return total_salary;

END Get_salary;

/

select Get_salary(22) as total from dual;
```

: Write PL/SQL code for finding Even Numbers.

```
BEGIN
  FOR i IN 1..10 LOOP
    IF MOD(i, 2) = 0 THEN
      DBMS_OUTPUT.PUT_LINE(i);
    END IF;
  END LOOP;
END;
/

DECLARE
  a NUMBER := 10;
  b NUMBER := 20;
  c NUMBER := 15;
  largest NUMBER;
```

```
BEGIN
  largest := a;
  IF b > largest THEN
    largest := b;
  END IF;
  IF c > largest THEN
    largest := c;
  END IF;

  DBMS_OUTPUT.PUT_LINE('Largest: ' || largest);
END;
/
```

Write PL/SQL code in Procedure to find Factorial of a given number by using call Procedure.

```
OR REPLACE PROCEDURE find_factorial(p_num IN NUMBER) IS
  fact NUMBER := 1;
  i NUMBER;
BEGIN
  FOR i IN 1..p_num LOOP
    fact := fact * i;
  END LOOP;
  DBMS_OUTPUT.PUT_LINE('Factorial: ' || fact);
END;
/


BEGIN
  find_factorial(5);
END;
/
```

Write PL/SQL code in Procedure to find Reverse number

```
CREATE OR REPLACE PROCEDURE reverse_num(p_num IN NUMBER) IS
  rev NUMBER := 0;
  n NUMBER := p_num;
BEGIN
  WHILE n > 0 LOOP
    rev := rev * 10 + MOD(n, 10);
    n := TRUNC(n / 10);
  END LOOP;
  DBMS_OUTPUT.PUT_LINE('Reverse: ' || rev);
END;
/


BEGIN
  reverse_num(1234);
END;
/
```