**CO-1-PROGRAMS**

**PL/SQL**

Q1: Write a PL/SQL program to find the factorial of a given number.

**Program:**

declare

fact number:=1;

n number:=&n;

begin

for i in 2..n

loop

fact:=fact\*i;

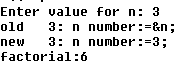
end loop;

dbms\_output.put\_line('factorial:'||fact);

end;

/

**Output:**



Q2: Write a PL/SQL program to check whether the given no is prime or not.

declare

fact number:=1;

i number;

n number:=&n;

begin

for i in 2..n/2

loop

if n mod i =0

then

fact:=0;

exit;

end if;

end loop;

if fact=0

then

dbms\_output.put\_line(n||' not is prime');

else

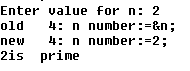
dbms\_output.put\_line(n||'is prime');

end if;

end;

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**Output**



**Functions**

1. Write a PL/SQL program to Check whether a number is Armstrong or not using functions.

**Program**

1. Create table that contains itemid , item\_name & price of several items sold in a grocery shop, Using functions retrieve the item name & price from table when itemid is given as input.
2. Write a PL/SQL function called POW that takes two numbers as argument and return the value of the first number raised to the power of the second.