Program no : CO2 1

AIM :

Program to find the factorial of a number.

PROGRAM:

```
def fact (n):
        if (n == 1) or (n == 0):
            return n
        else:
            return n * fact (n-1)

printf (" Enter a positive number : ")
number = int ( input ())
print (" Factorial of ", +number, " is : ")
print ( fact (number))
```

RESULT :

The program has been executed and the output was verified.

.) Enter a positive number :   7

Factorial of 7 is :   5040

:) Enter a positive number :   10

Factorial of 10 is   :   3628800

:) Enter a positive number :   0

Factorial of 0 is   :   0