```python
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# SINGLE ARGUMENT
def fac(a):
    print("SINGLE ARGUMENTS")
    fact = 1
    for i in range(1,a+1):
        fact *= i
    print("{0}! --> {1}".format(a,fact))
    print()

# MULTIPLE ARGUMENTS
def compare(n1, n2):
    print("MULTIPLE ARGUMENTS")
    if n1 > n2 :
        print("{0} Is grater than {1}".format(n1,n2))
    elif n2 > n1 :
        print("{0} Is grater than {1}".format(n2,n1))
    else :
        print("{0} Is equal to {1}".format(n1,n2))
    print()

# ARBITARY ARGUMENTS
def num_add(*args):
    print("ARBITARY ARGUMENTS")
    args = []
    num = int(input("-->> Enter the number of elements you want to add: "))
    for i in range(num):
        a = int(input("-->> Enter {0} Elemment: ".format(i+1)))
        args.append(a)
    sum = 0
    for  i in args :
        sum += i
    print("The sum of all numbers: ",sum)
    print()

# CALCULATOR
def calculator():
    print("CALCULATOR")
    a = int(input("Enter first number: "))
    op = input("Enter the operator(+,-,*,/): ")
    b = int(input("Enter second number: "))
    if op=='+' :
        print("{0} {1} {2} = {3}".format(a,op,b,a+b))
    elif op=='-' :
        print("{0} {1} {2} = {3}".format(a,op,b,a-b))
    elif op=='*' :
        print("{0} {1} {2} = {3}".format(a,op,b,a*b))
    elif op=='/' :
        print("{0} {1} {2} = {3}".format(a,op,b,a/b))
    else :
        print("ERROR")
fac(5)
compare(11,30)
num_add()
calculator()
print()
print("-*-*-*-*-*-END OF PRACTICAL 10-*-*-*-*-*-")
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