



Projects – Calculator

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```
def add(n1, n2):  
    return n1 + n2  
  
def subtract(n1, n2):  
    return n1 - n2  
  
def multiply(n1, n2):  
    return n1 * n2  
  
def divide(n1, n2):  
    return n1 / n2  
  
operations = {  
    "+": add,  
    "-": subtract,  
    "*": multiply,  
    "/": divide  
}
```



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```
def calculator():

    num1 = float(input("What's the first number?: "))
    for symbol in operations:
        print(symbol)
    should_continue = True

    while should_continue:
        operation_symbol = input("Pick an operation: ")
        num2 = float(input("What's the next number?: "))
        calculation_function = operations[operation_symbol]
        answer = calculation_function(num1, num2)
        print(f"{num1} {operation_symbol} {num2} = {answer}")

        if input(f"Type 'y' to continue calculating with {answer}, or type 'n' to start a new calculation: ") == 'y':
            num1 = answer
        else:
            should_continue = False
            clear()
            calculator()

calculator()
```