📌 Project Introduction: Simple Python Calculator

Hello I am **Hadi Azizi**, **a Python programmer**, and I created this project as part of my practice and learning.

In this project, a **simple and functional calculator** is implemented using Python, demonstrating important basic programming concepts. The main mathematical operations — **addition, subtraction, multiplication, and division** — are defined as separate functions, and a **dictionary** is used to select the operation in a clean and efficient way.

This approach makes the code **readable and easy to understand**, allowing different operations to be handled without long `if / elif` statements.

After each calculation, the user can either continue calculating with the result or start a new calculation from scratch. This project is suitable for **beginners to intermediate programmers** and helps to better understand concepts such as:

- Functions
- Dictionaries
- While loops
- Input and output
- The use of `return`

This project can serve as a **learning exercise**, a **simple portfolio project**, or a starting point for more advanced programming projects

```
import art
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,
}
def calculator():
    print(art.logo)
    should_accumulate= True
    num1=float(input("what is the first number?: "))

    while should_accumulate:
        for symbol in operations :
            print(symbol)
        operation_symbol= input ("pick an operation: ")
        num2= float(input("what is the next number?: "))
        answer =operations[operation_symbol](num1, num2)
        print(f"{num1} {operation_symbol} {num2} ={answer}")

        chioce= input(f"Type 'y' to continue calculating with {answer}, or
type 'n' to stop:")

        if chioce == "y":
            num1 = answer
        else:
            should_accumulate = False
            print("\n" * 20)
            calculator()
calculator()
```