

PERSONAL FINANCE CALCULATOR

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DETAILS OF PROJECT: I'm implementing this project by using python programming language which is nothing but arithmetic operation.

CODE:

```
1 ▸ while (1):
2     n=int(input("Enter the first
3         number:"))
4     h=input("Enter the operation
5         (+,-,*,/):")
6     m=int(input("Enter the second
7         number:"))
8     if '+'==h:
9         print("Result : {} {} {} ="
10             .format(n,h,m),float(n+m))
11     elif '-'==h:
12         print("Result : {} {} {} ="
13             .format(n,h,m),float(n-m))
14     elif '*'==h:
15         print("Result : {} {} {} ="
16             .format(n,h,m),n*m)
17     elif '/'==h:
18         print("Result : {} {} {} = "
19             .format(n,h,m),end="")
20         C="%0.14f"%(n/m)
21         print(C)
22         c=input("do you want to continue(y
23             /n):")
24     while c not in ('y','n'):
25         if c=='y':
26             print()
27         elif c=='n':
28             break
```

INPUT& OUTPUT:

```
Try programiz.pro
Enter the first number:5
Enter the operation(+,-,*,/):+
Enter the second number:5
Result : 5 + 5 = 10.0
do you want to continue(y/n):y
Enter the first number:11
Enter the operation(+,-,*,/):-
Enter the second number:89
Result : 11 - 89.56= -78.56
do you want to continue(y/n):y
Enter the first number:89
Enter the operation(+,-,*,/):*
Enter the second number:5
Result : 89 * 5= 445
do you want to continue(y/n):y
Enter the first number:98
Enter the operation(+,-,*,/):/
Enter the second number:6
Result : 98 / 6 = 16.333333333333333
do you want to continue(y/n):n
```

EXPLANATION:

This project is a calculator program written in Python. It uses a while loop to continuously prompt the user to enter the first number, choose an operation (+, -, *, /), and then enter the second number. Based on the operation selected, the program calculates the result and displays it.

After each calculation, the user is asked if they want to continue with more calculations. The program will loop back to the beginning if the user chooses to continue and will stop if the user selects not to continue (by entering 'n').

CONCLUSION:

The conclusion of the project is that it provides a calculator functionality where the user can perform basic arithmetic operations on two numbers. The program allows for continuous calculations until the user decides to stop. It's a basic but functional calculator program that can be expanded or modified further based on specific requirements or additional features you might want to add.

