Personal Finance Calculator

Date:6th June 2024

Submitted by:Tavanam Pujitha(23KQ5A0207)

Details of project:I'm implementing this project by using python programming language

Code:

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

Input and Output:

```
Output

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 = 16.33333333333333

do you want to continue(y/n):n
```

Explanation:

The program to keep running until it is explicitly stopped inside the loop the programs prompts the user to enter the first number an

operation and the second number.based on the operation enter by the user the program performs the corresponding arthimetic operation and displays the result

The operation is addition(+) the program adds the two numbers.its subtraction(-) second numberfrom the first for multiplication(*) it multiplies the number and for the division(/) divides the first number by the second number then formats

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.