Personal Finance Calculator

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Details of Project: I’ m implementing this project by using Python Programming Language.

Code:

main.py

Save Run

```python
def calculator():
    while True:
        i = float(input("Enter the first number: "))
        s = input("Enter the operation (+, -, *, /): ")
        p = float(input("Enter the second number: "))
        if s == '+':
            result = i + p
        elif s == '-':
            result = i - p
        elif s == '*':
            result = i * p
        elif s == '/':
            if p != 0:
                result = i / p
            else:
                print("Error")
                continue
        else:
            print("Invalid operation!")
            continue
        print(f"Result: {i} {s} {p} = {result}")
        c = input("Do you want to continue? (y/n): ")
        if c != 'y':
            break
calculator()
```

Input and Output:

Output

```
Enter the first number: 8
Enter the operation (+, -, *, /): +
Enter the second number: 8
Result: 8.0 + 8.0 = 16.0
Do you want to continue? (y/n): y
Enter the first number: 9
Enter the operation (+, -, *, /): -
Enter the second number: 2
Result: 9.0 - 2.0 = 7.0
Do you want to continue? (y/n): y
Enter the first number: 6
Enter the operation (+, -, *, /): *
Enter the second number: 1
Result: 6.0 * 1.0 = 6.0
Do you want to continue? (y/n): y
Enter the first number: 8
Enter the operation (+, -, *, /): /
Enter the second number: 4
Result: 8.0 / 4.0 = 2.0
Do you want to continue? (y/n): n

=== Code Execution Successful ===
```

Explanation:

In this Program I have implemented personal finance calculator which is nothing but a calculator ,in which I have taken the values and operatrs such as addition, subtraction, multiplication and division as an input from user and done the respective operations in

division we have to write a case in which if the denominatior is equal to zero then error should be displayed and if any other operators are given except which are specified in code then invalid operator should be shown on output. In general operations the result of the calculation is displayed as output and at last it will ask us whether we want to continue or not if we select yes the code will be executed again for using different values and if we select no it will show code execution successful and completes execution.

Conclusion:

Finally I have got the desired output Result.