COMMAND LINE APPLICATION OF CALCULATOR

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#for : Intenship (TASK-2)

Discription :

this command appplication is for performing the arthmetic operations

you can perform any arthematic operation(add,subtract,multiply,divide,remainder,floor division,power)
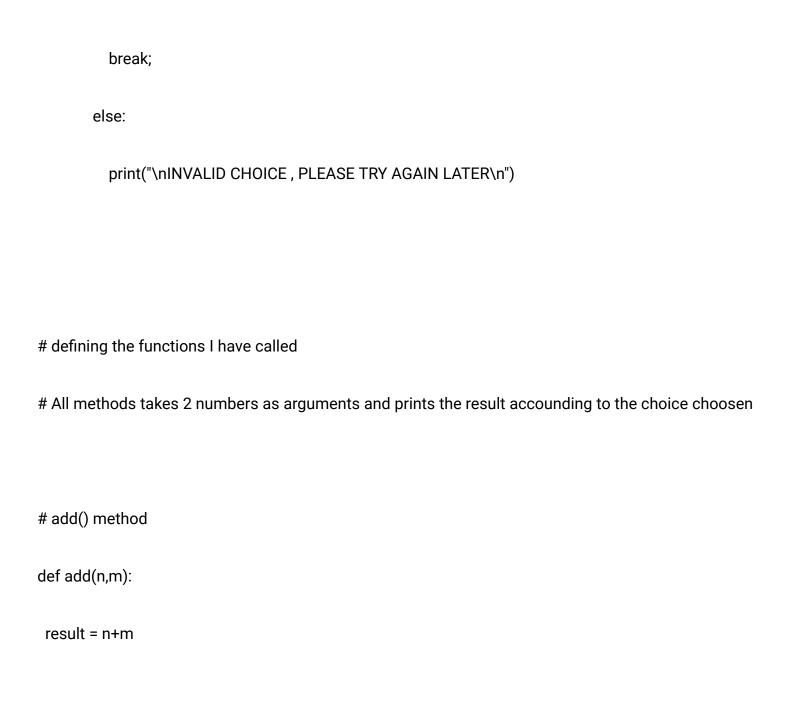
handled exceptions

result =0

```python
def main():

    print("\n\n\t\t\tby @suraj bhadoriya")

    print("_____")

    print("\n\t\t\t***CALCULATOR APP***\n")

    while True :

        # choices for user

        print("1.ADDITION")

        print("2.SUBTRACTION")

        print("3.MULTIPLICATION")

        print("4.DIVISION")
```

```python
print("5.MODULUS")

print("6.FLLOR DIVISION")

print("7.POWER")

print("8.EXIT")

# taking input from the user

choice =int(input("\nEnter your Choice : "))

# for exiting

if(choice == 8):

    print("\n\n")

    break

# for checking out of range choices
```

```python
elif(choice>8):

    print("\nINVALID CHOICE , PLEASE TRY AGAIN LATER\n")

else:

    a = float(input("\nEnter the first Number : "))

    b = float(input("Enter the Second Number : "))



    if(choice == 1):

        add(a,b)

    elif(choice == 2):

        sub(a,b)

    elif(choice == 3):
```

```python
        mul(a,b)

elif(choice == 4):

        div(a,b)

elif(choice == 5):

        mod(a,b)

elif(choice == 6):

        flr(a,b)

elif(choice == 7):

        power(a,b)

elif(choice == 8):

        print("\nExiting from Calculator......\n")
```

```python
                break;

        else:

            print("\nINVALID CHOICE , PLEASE TRY AGAIN LATER\n")




# defining the functions I have called

# All methods takes 2 numbers as arguments and prints the result accounding to the choice choosen



# add() method

def add(n,m):

  result = n+m
```

```python
    print(f"\nAddition of {n} and {m} is : {result}")

    print("_____")


# sub() method

def sub(n,m):

    result = n-m

    print(f"\nSubtraction of {n} and {m} is : {result}")

    print("_____")


# mul() method

def mul(n,m):
```

```python
    result = n*m

    print(f"\nMultiplication of {n} and {m} is : {result}")

    print("_____")



# div() method

def div(n,m):

  if(m == 0):

    print("\nCan't Divide by 'Zero'")

  else:

    result = n/m

    print(f"\nDivision of {n} and {m} is : {result}")
```

```python
    print("_____")



# mod() method

def mod(n,m):

 if(m == 0):

    print("\nCan't Divide by 'Zero'")

 else:

    result = n%m

    print(f"\nModulus of {n} and {m} is : {result}")

 print("_____")
```

```python
# flr() method

def flr(n,m):

    if(m == 0):

        print("\nCan't Divide by 'Zero'")

    else:

        result = n//m

        print(f"\nFloor Division of {n} and {m} is : {result}")

    print("_____")


# power() method

def power(n,m):
```

```python
    result = n**m

    print(f"\n{n} to the Power of {m} is : {result}")

    print("_____")



# main function

if __name__ == "__main__":

    main()

    print("\n\t\tThanks for using..........\n")
```