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In [3]: import math
import sys
from colorama import init
init(strip=not sys.stdout.isatty())
from termcolor import cprint
from pyfiglet import figlet_format
cprint(figlet_format('CALCI', font='starwars'),
       'yellow', 'on_red', attrs=['bold'])

print('mathematical operator present in this calculator calculator')
symbols=['+', '-', '*', '/', '//', '%', 'log', 'exp', 'sqrt', 'ln', 'sin', 'cos',
        'tan', 'deg', 'rad', 'cosh', 'sinh', 'tanh', 'gamma', 'gcd']
print(symbols)

while(1):
    c=int(input('Do you want to continue operations?(1/0):'))
    if(c==0):

        break

    for i in symbols:
        choice=input('enter the operation you want to do in maths:')
        if(choice=='+'):
            a=float((input('plz enter your first number:')))
            b=float((input('plz enter your second number:')))
            x=a+b
            print(x)
            break
        elif(choice=='-'):
            a=float((input('plz enter your first number:')))
            b=float((input('plz enter your second number:')))
            x=a-b
            print(x)
            break
        elif(choice=='*'):
            a=float((input('plz enter your first number:')))
            b=float((input('plz enter your second number:')))
            x=a*b
            print(x)
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        break
    elif(choice=='/'):
        a=float((input('plz enter your first number:')))
        b=float((input('plz enter your second number:')))
        x=a/b
        print(x)
        break
    elif(choice=='//'):
        a=float((input('plz enter your first number:')))
        b=float((input('plz enter your second number:')))
        x=a//b
        print(x)
        break
    elif(choice=='%'):
        a=float((input('plz enter your first number:')))
        b=float((input('plz enter your second number:')))
        x=a%b
        print(x)
        break
    elif(choice=='log'):
        a=float((input('enter the value:')))
        x=math.log10(a)
        print(x)
        break
    elif(choice=='exp'):
        a=float((input('enter the value of a:')))
        x=math.exp(a)
        print(x)
        break
    elif(choice=='ln'):
        a=float(input('enter the number:'))
        e=2.7134
        x=math.log(a,e)
        print(x)
        break
    elif(choice=='sqrt'):
        a=float((input('enter the number:')))
        x=math.sqrt(a)
        print(x)
        break
    elif(choice=='deg'):
        a=float(input('enter the angle you want to convert into degree:'))

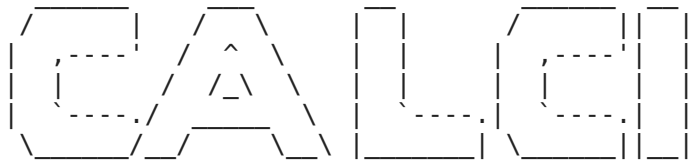
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x=math.degrees(a)
print(x)
break
elif(choice=='rad'):
a=float((input('enter the angle to convert into radian:')))
x=math.radians(a)
print(x)
break
elif(choice=='sin'):
a=float((input('enter the angle:')))
x=math.sin(a)
print(x)
break
elif(choice=='cos'):
a=float((input('enter the angle:')))
x=math.cos(a)
print(x)
break
elif(choice=='tan'):
a=float((input('enter the angle:')))
x=math.tan(a)
print(x)
break
elif(choice=='sinh'):
a=float((input('enter the angle:')))
x=math.sinh(a)
print(x)
break
elif(choice=='cosh'):
a=float((input('enter the angle:')))
x=math.cosh(a)
print(x)
break
elif(choice=='tanh'):
a=float((input('enter the angle:')))
x=math.tanh(a)
print(x)
break
elif(choice=='gamma'):
a=float((input('enter the value:')))
x=math.gamma(a)
print(x)
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        break
    elif(choice=='gcd'):
        a=int(input('enter the first value:'))
        b=int(input('enter the second value:'))
        x=math.gcd(a,b)
        print(x)
        break
    else:
        break

```



mathematical operator present in this calculator calculator

['+', '-', '\*', '/', '//', '%', 'log', 'exp', 'sqrt', 'ln', 'sin', 'cos', 'tan', 'deg', 'rad', 'cosh', 'sinh', 'tanh', 'gamma', 'gcd']

Do you want to continue operations?(1/0):1  
 enter the operation you want to do in maths:+  
 plz enter your first number:3  
 plz enter your second number:4  
 7.0

Do you want to continue operations?(1/0):1  
 enter the operation you want to do in maths:-  
 plz enter your first number:5  
 plz enter your second number:4  
 1.0

Do you want to continue operations?(1/0):1  
 enter the operation you want to do in maths:\*  
 plz enter your first number:6  
 plz enter your second number:7  
 42.0

Do you want to continue operations?(1/0):1  
 enter the operation you want to do in maths:/  
 plz enter your first number:5  
 plz enter your second number:4

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1.25
Do you want to continue operations?(1/0):1
enter the operation you want to do in maths://
plz enter your first number:8
plz enter your second number:5
1.0
Do you want to continue operations?(1/0):1
enter the operation you want to do in maths:%
plz enter your first number:9
plz enter your second number:4
1.0
Do you want to continue operations?(1/0):1
enter the operation you want to do in maths:log
enter the value:7
0.8450980400142568
Do you want to continue operations?(1/0):1
enter the operation you want to do in maths:tan
enter the angle:45
1.6197751905438615
Do you want to continue operations?(1/0):1
enter the operation you want to do in maths:sin
enter the angle:90
0.8939966636005579
Do you want to continue operations?(1/0):1
enter the operation you want to do in maths:gcd
enter the first value:7
enter the second value:4
1
Do you want to continue operations?(1/0):0
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In [ ]:

In [ ]: