CODECLUB

09.09.2015

Python CodeClub

bit.ly/pythoncodeclub

RESULTS FROM LAST TIME

CALCULATOR

- Create a class named **Calculator**

- The class should have a method named **calculate**, which accepts a string as an argument

- Documentation is your best friend: https://docs.python.org/3.5/tutorial/classes.html

CALCULATOR

```python
class Calculator:
    def calculate(self, input_string):
        result = Calculate your result here...
        return result
```

calculator.py

```python
class Calculator:
    def calculate(self, input_string):
        result = 2
        return result
```

main.py

```python
from calculator import Calculator

if __name__ == "__main__":

    calc = Calculator()
    result = calc.calculate("1+1")

    print(result)
```

CHALLENGE

```python
from calculator import Calculator

if __name__ == "__main__":

    calc = Calculator()
    result = calc.calculate("5+5-3")

    print(result)
```

CHALLENGE

```python
from calculator import Calculator

if __name__ == "__main__":

    calc = Calculator()
    result = calc.calculate("55+5-3")

    print(result)
```

CHALLENGE

```python
from calculator import Calculator

if __name__ == "__main__":

    calc = Calculator()
    result = calc.calculate("5/5+5-3*2")

    print(result)
```

CHALLENGE

```python
from calculator import Calculator

if __name__ == "__main__":

    calc = Calculator()
    result = calc.calculate("5+(10-3)*2")

    print(result)
```

CHALLENGE

```python
from calculator import Calculator

if __name__ == "__main__":

    calc = Calculator()
    result = calc.calculate("5.5+(5-3)*2")

    print(result)
```

FINALLY

- Ask for an extra special task or challenge us! :)

- Challenge yourself at https://www.hackerrank.com/

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