

Forum:[Hack Forums](#)

Thread: [Basic Python Calculator. \(MY FIRST PYTHON PROJECT THINGY...\)](#)

~OMC~ - May 30, 2014, 7:46 pm

I've been paying a guy to teach me Python.

In 3 hours we've covered a shitload and I just coded this by myself. (he helped me where I failed)
I must say, he's a great teacher.

Teacher: [stonerdays](#)

Code:

Code # Calculator test by Mr.Zetax / ~OMC~

```
print 'Coded for HackForums by Mr.Zetax / ~OMC~'
```

```
print 'Please input 2 numbers and a calculation method, thank you.'
```

```
print 'Maximum of 5 calculations per application instance.'
```

```
print "
```

```
number1 = int(raw_input('First Number: '))
```

```
number2 = int(raw_input('Second Number: '))
```

```
method = str(raw_input('Calculation Method: '))
```

```
if method == '/':
```

```
    print number1/number2
```

```
elif method == '+':
```

```
    print number1+number2
```

```
elif method == '-':
```

```
    print number1-number2
```

```
elif method == '*':
```

```
    print number1*number2
```

```
else:
```

```
    print 'Invalid method, try again.'
```

```
runagainq = raw_input('Would you like to do another calculation? (Y/N)')
```

```
if runagainq == 'Y':
```

```
    pass
```

```
if runagainq == 'N':
```

```
    quit()
```

```
# Calculator test by Mr.Zetax / ~OMC~
```

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    print number1-number2
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    print number1*number2  
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if runagainq == 'Y':  
    pass
```

```
if runagainq == 'N':  
    quit()
```

It works using ELIF's and userinputs.

Enjoy.

NO HATE PLEASE AS IT'S MY FIRST CODE.

stonerdays - May 30, 2014, 8:33 pm

I taught OP Python basics in three hours. I know there a lot more easy/advance ways of making this, but it's pretty damn good for someone who started three hours ago.

~OMC~ - May 30, 2014, 9:00 pm

(May 30, 2014 08:33 PM)stonerdays Wrote: [\[CITE\]](#) I taught OP Python basics in three hours. I know there a lot more easy/advance ways of making this, but it's pretty damn good for someone who started three hours ago.It's obvious why it's so good, right?
I had an amazing teacher!:))

R3X3Y - May 30, 2014, 9:27 pm

Good job OP...

I just copied and pasted it into my Python IDE and it works great.

I'm positive he's a great teacher but I think I'll stick to my free resources.

Keep it up

SIM-1866423 - May 30, 2014, 11:44 pm

Keep going bro you can do better ?

M.o.n.s.t.e.r - May 31, 2014, 1:41 am

Does that code have the same lines to much lines and im sleepy

~OMC~ - May 31, 2014, 1:44 am

(May 31, 2014 01:41 AM)M.o.n.s.t.e.r Wrote: [\[CITE\]](#) Does that code have the same lines to much lines and im sleepy

Yeah, I C+P'd it as I couldn't figure out how to make Y answer loop back to beginning of the code.:)

tideman2 - May 31, 2014, 3:35 am

Why not instead of :

```
Code if runagainq == 'Y':
```

```
    passYou make it all a def and you just loop, Like so..
```

```

Code def Anything():
    number1 = int(raw_input('First Number: '))
    number2 = int(raw_input('Second Number: '))
    method = str(raw_input('Calculation Method: '))

    if method == '/':
        print number1/number2
    elif method == '+':
        print number1+number2
    elif method == '-':
        print number1-number2
    elif method == '*':
        print number1*number2
    else:
        print 'Invalid method, try again.'
    runagainq = raw_input('Would you like to do another calculation? (Y/N)')
    if runagainq == 'Y':
        Anything()

    if runagainq == 'N':
        quit()

```

Anything()(Warning! doubt you can copy paste this, lines might need a space or back space. didn't fill like writing it in Noptepad++ or python's default)

So if the users said " if runagainq == 'Y':" putting "Anything()" will loop back to the top.

Tip!

You can do " Code if runagainq == 'Y' or == 'y' That way it's going to work with lower or capital (there is a more advanced way but you'll learn)

Hope This Helps !

?????? - May 31, 2014, 4:54 am

ARGH!!! Centered! BAD! Indenting is messed up. Never center your code.

As for making it run a bunch of times you're going to need a while loop. Something like:

```

Code runAgain = True
while runAgain:
    ...all your code...
    runAgainQ = raw_input('Would you like to do another calculation? (Y/N)')

    if runAgainQ.lower in ('y', 'yes'):
        runAgain = True
    else if runAgainQ.lower in ('n', 'no'):
        runAgain = False

```

The loop will keep running until runAgain is set to False - that can only happen if runAgainQ is no.

tideman2 - May 31, 2014, 5:06 am

```

Code if runAgainQ.lower in ('y', 'yes'):
    runAgain = True
else if runAgainQ.lower in ('n', 'no'):
    runAgain = False

```

Quote:??????

Also just to note by adding the .lower() the user input will be forced to lower helps with making your

if and elif trigger True or False without having a cap error making it trigger your else

Hope this helped, you might already know though

#BORNE - May 31, 2014, 1:59 pm

Very basic dude but as you said this is your first code. My first code was also a calculator.

clark.dll - May 31, 2014, 2:01 pm

Obviously there are more effective ways to code this out, but not bad for your first project. My first Python project was a calculator too. Keep it up.

Jekwa - May 31, 2014, 2:04 pm

Not bad so far, but you should use a loop instead of copying the code several time. Overall you have done a good job. Keep it up and use loops. My first python project was a Calculator as well. As you learn more you can extend to it.