



Surprises are more ugly than beautiful.



peter@theos:ugly-surprises \$ ipython
Python 3.10.16 | packaged by conda-forge | (main, Apr 3 2025, 14:23:09) [GCC 13.3.0]
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IPython 8.34.0 -- An enhanced Interactive Python. Type '?' for help.

In [1]:

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IPython 8.34.0 -- An enhanced Interactive Python. Type '?' for help.

In [1]: int('42')

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IPython 8.34.0 -- An enhanced Interactive Python. Type '?' for help.

In [1]: int('42')

Out[1]: 42

In [2]:

```
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IPython 8.34.0 -- An enhanced Interactive Python. Type '?' for help.
```

```
In [1]: int('42')
```

```
Out[1]: 42
```

```
In [2]: float('3.14')
```

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IPython 8.34.0 -- An enhanced Interactive Python. Type '?' for help.

In [1]: int('42')

Out[1]: 42

In [2]: float('3.14')

Out[2]: 3.14

In [3]:

```
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```

```
In [1]: int('42')
```

```
Out[1]: 42
```

```
In [2]: float('3.14')
```

```
Out[2]: 3.14
```

```
In [3]: bool('false')
```

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In [1]: int('42')

Out[1]: 42

In [2]: float('3.14')

Out[2]: 3.14

In [3]: bool('false')

Out[3]: True

In [4]:

```
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```

```
In [1]: int('42')
```

```
Out[1]: 42
```

```
In [2]: float('3.14')
```

```
Out[2]: 3.14
```

```
In [3]: bool('false')
```

```
Out[3]: True
```

```
In [4]: 'True' == True
```

```
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```

```
In [1]: int('42')
```

```
Out[1]: 42
```

```
In [2]: float('3.14')
```

```
Out[2]: 3.14
```

```
In [3]: bool('false')
```

```
Out[3]: True
```

```
In [4]: 'True' == True
```

```
Out[4]: False
```

```
In [5]: 
```

```
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```
In [1]: int('42')
```

```
Out[1]: 42
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```
In [2]: float('3.14')
```

```
Out[2]: 3.14
```

```
In [3]: bool('false')
```

```
Out[3]: True
```

```
In [4]: 'True' == True
```

```
Out[4]: False
```

```
In [5]: True == True
```

```
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```
In [1]: int('42')
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Out[1]: 42
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In [2]: float('3.14')
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```
Out[2]: 3.14
```

```
In [3]: bool('false')
```

```
Out[3]: True
```

```
In [4]: 'True' == True
```

```
Out[4]: False
```

```
In [5]: True == True
```

```
Out[5]: True
```

```
In [6]: 
```

```
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In [1]: int('42')
```

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Out[1]: 42
```

```
In [2]: float('3.14')
```

```
Out[2]: 3.14
```

```
In [3]: bool('false')
```

```
Out[3]: True
```

```
In [4]: 'True' == True
```

```
Out[4]: False
```

```
In [5]: True == True
```

```
Out[5]: True
```

```
In [6]: True is True
```

```
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In [1]: int('42')
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Out[1]: 42
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In [2]: float('3.14')
```

```
Out[2]: 3.14
```

```
In [3]: bool('false')
```

```
Out[3]: True
```

```
In [4]: 'True' == True
```

```
Out[4]: False
```

```
In [5]: True == True
```

```
Out[5]: True
```

```
In [6]: True is True
```

```
Out[6]: True
```

```
In [7]: 
```

```
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Out[3]: True
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In [4]: 'True' == True
```

```
Out[4]: False
```

```
In [5]: True == True
```

```
Out[5]: True
```

```
In [6]: True is True
```

```
Out[6]: True
```

```
In [7]: [] == []
```

```
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In [4]: 'True' == True
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Out[4]: False
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In [5]: True == True
```

```
Out[5]: True
```

```
In [6]: True is True
```

```
Out[6]: True
```

```
In [7]: [] == []
```

```
Out[7]: True
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```
In [8]: 
```

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In [4]: 'True' == True
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Out[4]: False
```

```
In [5]: True == True
```

```
Out[5]: True
```

```
In [6]: True is True
```

```
Out[6]: True
```

```
In [7]: [] == []
```

```
Out[7]: True
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In [8]: [] is []
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```
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Out[4]: False
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In [5]: True == True
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```
Out[5]: True
```

```
In [6]: True is True
```

```
Out[6]: True
```

```
In [7]: [] == []
```

```
Out[7]: True
```

```
In [8]: [] is []
```

```
Out[8]: False
```

```
In [9]: 
```

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Out[2]: 3.14
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In [3]: bool('false')
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Out[3]: True
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In [4]: 'True' == True
```

```
Out[4]: False
```

```
In [5]: True == True
```

```
Out[5]: True
```

```
In [6]: True is True
```

```
Out[6]: True
```

```
In [7]: [] == []
```

```
Out[7]: True
```

```
In [8]: [] is []
```

```
Out[8]: False
```

```
In [9]: meaning = 42
```

```
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Out[1]: 42
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In [2]: float('3.14')
```

```
Out[2]: 3.14
```

```
In [3]: bool('false')
```

```
Out[3]: True
```

```
In [4]: 'True' == True
```

```
Out[4]: False
```

```
In [5]: True == True
```

```
Out[5]: True
```

```
In [6]: True is True
```

```
Out[6]: True
```

```
In [7]: [] == []
```

```
Out[7]: True
```

```
In [8]: [] is []
```

```
Out[8]: False
```

```
In [9]: meaning = 42
```

```
In [10]: life = 42
```

```
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Out[1]: 42
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In [2]: float('3.14')
```

```
Out[2]: 3.14
```

```
In [3]: bool('false')
```

```
Out[3]: True
```

```
In [4]: 'True' == True
```

```
Out[4]: False
```

```
In [5]: True == True
```

```
Out[5]: True
```

```
In [6]: True is True
```

```
Out[6]: True
```

```
In [7]: [] == []
```

```
Out[7]: True
```

```
In [8]: [] is []
```

```
Out[8]: False
```

```
In [9]: meaning = 42
```

```
In [10]: life = 42
```

```
In [11]: meaning == life
```

IPython 8.34.0 -- An enhanced Interactive Python. Type '?' for help.

In [1]: `int('42')`
Out[1]: 42

In [2]: `float('3.14')`
Out[2]: 3.14

In [3]: `bool('false')`
Out[3]: True

In [4]: `'True' == True`
Out[4]: False

In [5]: `True == True`
Out[5]: True

In [6]: `True is True`
Out[6]: True

In [7]: `[] == []`
Out[7]: True

In [8]: `[] is []`
Out[8]: False

In [9]: `meaning = 42`

In [10]: `life = 42`

In [11]: `meaning == life`
Out[11]: True

In [12]: █

IPython 8.34.0 -- An enhanced Interactive Python. Type '?' for help.

In [1]: `int('42')`
Out[1]: 42

In [2]: `float('3.14')`
Out[2]: 3.14

In [3]: `bool('false')`
Out[3]: True

In [4]: `'True' == True`
Out[4]: False

In [5]: `True == True`
Out[5]: True

In [6]: `True is True`
Out[6]: True

In [7]: `[] == []`
Out[7]: True

In [8]: `[] is []`
Out[8]: False

In [9]: `meaning = 42`

In [10]: `life = 42`

In [11]: `meaning == life`
Out[11]: True

In [12]: `meaning is life`

Out[1]: 42

In [2]: float('3.14')
Out[2]: 3.14

In [3]: bool('false')
Out[3]: True

In [4]: 'True' == True
Out[4]: False

In [5]: True == True
Out[5]: True

In [6]: True is True
Out[6]: True

In [7]: [] == []
Out[7]: True

In [8]: [] is []
Out[8]: False

In [9]: meaning = 42

In [10]: life = 42

In [11]: meaning == life
Out[11]: True

In [12]: meaning is life
Out[12]: True

In [13]: █

```
Out[1]: 42
```

```
In [2]: float('3.14')
Out[2]: 3.14
```

```
In [3]: bool('false')
Out[3]: True
```

```
In [4]: 'True' == True
Out[4]: False
```

```
In [5]: True == True
Out[5]: True
```

```
In [6]: True is True
Out[6]: True
```

```
In [7]: [] == []
Out[7]: True
```

```
In [8]: [] is []
Out[8]: False
```

```
In [9]: meaning = 42
```

```
In [10]: life = 42
```

```
In [11]: meaning == life
Out[11]: True
```

```
In [12]: meaning is life
Out[12]: True
```

```
In [13]: thausand = 1000
```

```
In [2]: float('3.14')  
Out[2]: 3.14
```

```
In [3]: bool('false')  
Out[3]: True
```

```
In [4]: 'True' == True  
Out[4]: False
```

```
In [5]: True == True  
Out[5]: True
```

```
In [6]: True is True  
Out[6]: True
```

```
In [7]: [] == []  
Out[7]: True
```

```
In [8]: [] is []  
Out[8]: False
```

```
In [9]: meaning = 42
```

```
In [10]: life = 42
```

```
In [11]: meaning == life  
Out[11]: True
```

```
In [12]: meaning is life  
Out[12]: True
```

```
In [13]: thausand = 1000
```

```
In [14]: other = 1000
```

```
In [3]: bool('false')
Out[3]: True
```

```
In [4]: 'True' == True
Out[4]: False
```

```
In [5]: True == True
Out[5]: True
```

```
In [6]: True is True
Out[6]: True
```

```
In [7]: [] == []
Out[7]: True
```

```
In [8]: [] is []
Out[8]: False
```

```
In [9]: meaning = 42
```

```
In [10]: life = 42
```

```
In [11]: meaning == life
Out[11]: True
```

```
In [12]: meaning is life
Out[12]: True
```

```
In [13]: thausand = 1000
```

```
In [14]: other = 1000
```

```
In [15]: thausand is other
```

```
In [4]: 'True' == True
```

```
Out[4]: False
```

```
In [5]: True == True
```

```
Out[5]: True
```

```
In [6]: True is True
```

```
Out[6]: True
```

```
In [7]: [] == []
```

```
Out[7]: True
```

```
In [8]: [] is []
```

```
Out[8]: False
```

```
In [9]: meaning = 42
```

```
In [10]: life = 42
```

```
In [11]: meaning == life
```

```
Out[11]: True
```

```
In [12]: meaning is life
```

```
Out[12]: True
```

```
In [13]: thausand = 1000
```

```
In [14]: other = 1000
```

```
In [15]: thausand is other
```

```
Out[15]: False
```

```
In [16]: █
```

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In [1]: 

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In [1]: meaning = 42

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In [1]: meaning = 42

In [2]: meaning = 43

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In [1]: meaning = 42

In [2]: meaning = 43

In [3]: meaning

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In [1]: meaning = 42

In [2]: meaning = 43

In [3]: meaning

Out[3]: 42

In [4]:

```
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```

```
In [1]: meaning = 42
```

```
In [2]: meaning = 43
```

```
In [3]: meaning
```

```
Out[3]: 42
```

```
In [4]: from shrug import *
```

```
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```

```
In [1]: meaning = 42
```

```
In [2]: meaning = 43
```

```
In [3]: meaning
```

```
Out[3]: 42
```

```
In [4]: from shrug import *
```

```
In [5]: (ツ) = σ_σ
```

```
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```

```
In [1]: meaning = 42
```

```
In [2]: meaning = 43
```

```
In [3]: meaning
```

```
Out[3]: 42
```

```
In [4]: from shrug import *
```

```
In [5]: (ツ) = σ_σ
```

```
In [6]: (ツ)
```

```
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```

```
In [1]: meaning = 42
```

```
In [2]: meaning = 43
```

```
In [3]: meaning
```

```
Out[3]: 42
```

```
In [4]: from shrug import *
```

```
In [5]: (ツ) = σ_σ
```

```
In [6]: (ツ)
```

```
Out[6]: \_\_(ツ)\_/_\_\_
```

```
In [7]: 
```

```
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```

```
In [1]: meaning = 42
```

```
In [2]: meaning = 43
```

```
In [3]: meaning
```

```
Out[3]: 42
```

```
In [4]: from shrug import *
```

```
In [5]: (ツ) = σ_σ
```

```
In [6]: (ツ)
```

```
Out[6]: \_(ツ)_/-
```

```
In [7]: (ツ) = YouOnlyLiveOnce
```

```
peter@theos:ugly-surprises $ ipython
Python 3.10.16 | packaged by conda-forge | (main, Apr 3 2025, 14:23:09) [GCC 13.3.0]
Type 'copyright', 'credits' or 'license' for more information
IPython 8.34.0 -- An enhanced Interactive Python. Type '?' for help.
```

```
In [1]: meaning = 42
```

```
In [2]: meaning = 43
```

```
In [3]: meaning
```

```
Out[3]: 42
```

```
In [4]: from shrug import *
```

```
In [5]: (ツ) = σ_σ
```

```
In [6]: (ツ)
```

```
Out[6]: \_(ツ)_/-
```

```
In [7]: (ツ) = YоuNlYLiVeOnCe
```

```
In [8]: (ツ)
```

```
peter@theos:ugly-surprises $ ipython
Python 3.10.16 | packaged by conda-forge | (main, Apr 3 2025, 14:23:09) [GCC 13.3.0]
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In [6]: (ツ)
```

```
Out[6]: \_(ツ)_/-
```

```
In [7]: (ツ) = YоuОnlyLиveОnсе
```

```
In [8]: (ツ)
```

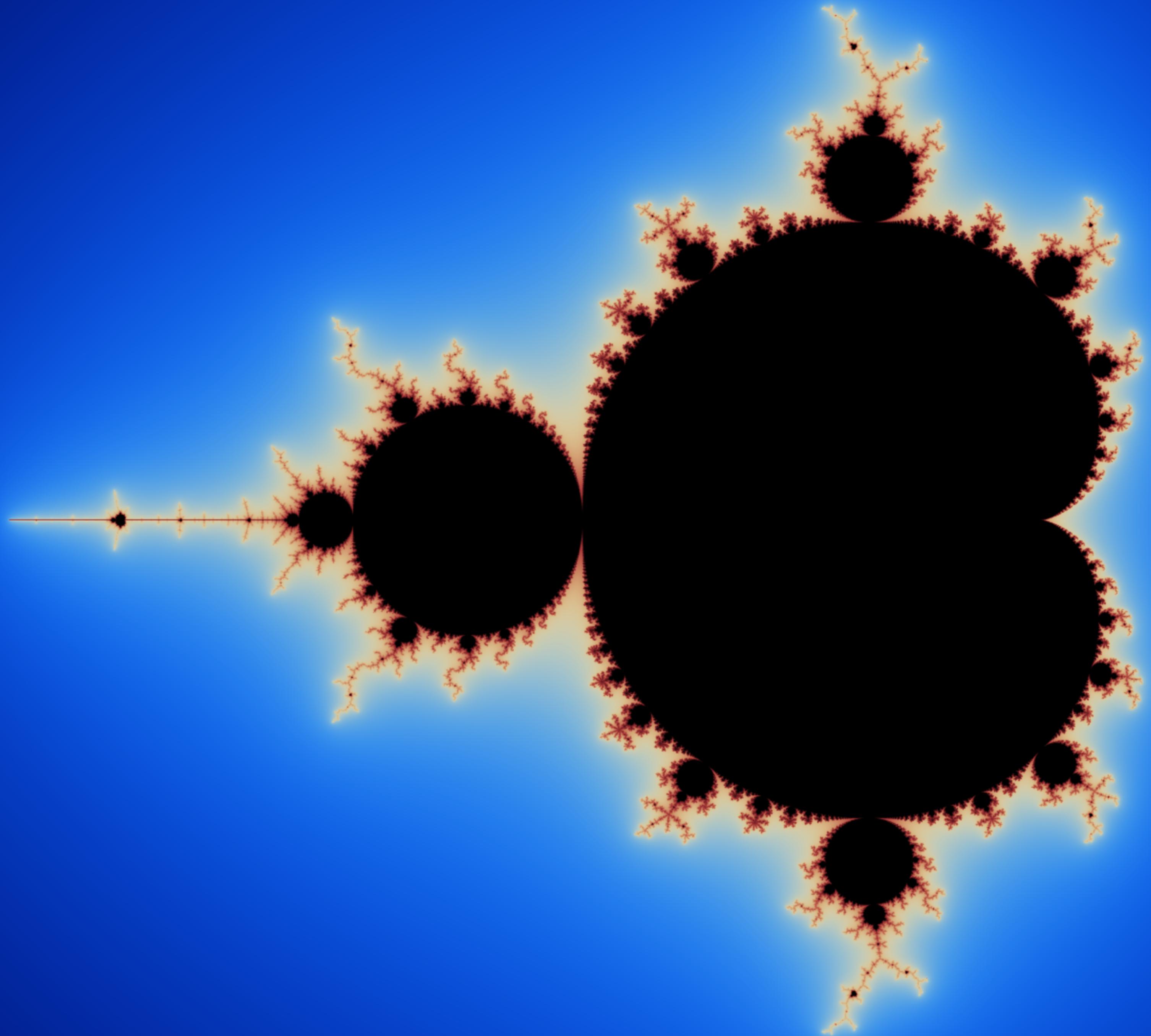
```
Out[8]: ( ^_ ^)
```

```
In [9]: □
```

```

1 #!/usr/bin/env python2
2 """
3 by Jeff Presing
4 https://preshing.com/20110926/high-resolution-mandelbrot-in-obfuscated-python/
5 """
6
7     = (
8         255,
9         lambda
10            V , B, c
11            :c and Y(V*V+B, B, c
12            -1)if(abs(V)<6)else
13            2+c-4*abs(V)**-0.4)/i
14            ) ;v, x=1600,1200;C=range(v*x
15            );import struct;P=struct.pack;M, \
16            j ='<QIIHHHH',open('M.bmp','wb').write
17 for X in j('BM'+P(M,v*x*3+26,26,12,v,x,1,24))or C:
18     i ,Y=_;j(P('BBB',*(lambda T:(T*80+T**9
19             *i-950*T **99,T*70-880*T**18+701*
20             T **9 ,T*i** (1-T**45*2)))(sum(
21             [ Y(0,(A%3/3.+X%v+(X/v+
22                 A/3/3.-x/2)/1j)*2.5
23                 /x -2.7,i)**2 for \
24                 A in C
25                 [:9]])
26                 /9)
27                 )

```





More on GitHub:

<https://bit.ly/ugly-surprises>