```
Last login: Sun Mar 11 14:16:45 on ttys000
Hansen@Hansens-MacBook-Pro:~ $ " python
Python 2.7.12 | Anaconda custom (x86_64) | (default, Jul 2 2016, 17:43:17)
[GCC 4.2.1 (Based on Apple Inc. build 5658) (LLVM build 2336.11.00)] on darwin
Type "help", "copyright", "credits" or "license" for more information.
Anaconda is brought to you by Continuum Analytics.
Please check out: http://continuum.io/thanks and https://anaconda.org
>>> a = 5
>>> print a
5
>>> exit()
Hansen@Hansens-MacBook-Pro:∼ $ " ipython
Python 2.7.12 | Anaconda custom (x86_64) | (default, Jul 2 2016, 17:43:17)
Type "copyright", "credits" or "license" for more information.
IPython 4.2.0 -- An enhanced Interactive Python.
         -> Introduction and overview of IPython's features.
%quickref -> Quick reference.
         -> Python's own help system.
object? -> Details about 'object', use 'object??' for extra details.
In [1]: %run *.py
ERROR: File `u'*.py'` not found.
In [2]: a = [1, 2, 3]
In [3]: b = a, print b
  File "<ipython-input-3-5f56d82f8c72>", line 1
    b = a, print b
SyntaxError: invalid syntax
In [4]: b = a
In [5]: print b
[1, 2, 3]
In [6]: a.append(4)
In [7]: print b
[1, 2, 3, 4]
In [8]: def append_element(some_list, element):
                some_list.append(element)
In [9]: append_element(b, 5)
In [10]: b
Out[10]: [1, 2, 3, 4, 5]
In [11]: type b
  File "<ipython-input-11-c0422199a627>", line 1
   type b
SyntaxError: invalid syntax
In [12]: type(b)
Out[12]: list
In [13]: type(app)
append_element apply
In [13]: type(append_element)
Out[13]: function
```

```
In [14]: b.type()
AttributeError
                                       Traceback (most recent call last)
<ipython-input-14-9c8d482dea7b> in <module>()
----> 1 b.type()
AttributeError: 'list' object has no attribute 'type'
In [15]: b.type
AttributeError
                                        Traceback (most recent call last)
<ipython-input-15-cfdddce5ebf1> in <module>()
---> 1 b.type
AttributeError: 'list' object has no attribute 'type'
In [16]: '5' + 5
TypeError
                                      Traceback (most recent call last)
<ipython-input-16-f9dbf5f0b234> in <module>()
----> 1 '5' + 5
TypeError: cannot concatenate 'str' and 'int' objects
In [17]: isinstance(a, list)
Out[17]: True
In [18]: isinstance(a, (list, int))
Out[18]: True
In [19]: isinstance(a, (function, int))
_____
                                      Traceback (most recent call last)
NameError
<ipython-input-19-9597cc1043db> in <module>()
---> 1 isinstance(a, (function, int))
NameError: name 'function' is not defined
In [20]: isinstance(a, (func, int))
NameError
                                      Traceback (most recent call last)
<ipython-input-20-fddc2e70ec6f> in <module>()
---> 1 isinstance(a, (func, int))
NameError: name 'func' is not defined
In [21]: isinstance(a, (double, int))
        -----
NameError
                                        Traceback (most recent call last)
<ipython-input-21-7b70fbd3267d> in <module>()
---> 1 isinstance(a, (double, int))
NameError: name 'double' is not defined
In [22]: isinstance(a, (float, int))
Out[22]: False
In [23]: a.
a.append a.count a.extend a.index a.insert a.pop
                                                              a.remove a.reverse a.sort
In [23]: app
append_element apply
In [23]: append_element.
append_element.func_closure append_element.func_dict
append_element.func_doc
                                                         append_element.func_name
append_element.func_defaults append_element.func_globals
```

```
In [23]: append_element.func_d
append_element.func_defaults append_element.func_dict
                                                        append_element.func_doc
In [23]: append_element.func_doc
In [24]: getattr(a, 'split')
AttributeError Traceback (most recent call last)
<ipython-input-24-a5ca0e8ef764> in <module>()
---> 1 getattr(a, 'split')
AttributeError: 'list' object has no attribute 'split'
In [25]: getattr(a, 'index')
Out[25]: <function index>
In [26]: def isiterable(obj):
  ....: try:
                       iter(obj)
                       return True
             except TypeError: # not iterable
                      return False
In [27]: is
          isinstance isiterable issubclass
In [27]: isi
isinstance isiterable
In [27]: isiterable('a string')
Out[27]: True
In [28]: isiterable(5)
Out[28]: False
In [29]: list(a)
Out[29]: [1, 2, 3, 4, 5]
In [30]: a = c
                                  Traceback (most recent call last)
<ipython-input-30-a51922ec7f8f> in <module>()
---> 1 a = c
NameError: name 'c' is not defined
In [31]: c = list(a)
In [32]: a = c
In [33]: a is c
Out[33]: True
In [34]: b is c
Out[34]: False
In [35]: b is a
Out[35]: False
In [36]: c is a
Out[36]: True
In [37]: a
Out[37]: [1, 2, 3, 4, 5]
In [38]: b
Out[38]: [1, 2, 3, 4, 5]
```

```
In [39]: c
Out[39]: [1, 2, 3, 4, 5]
In [40]: cval = 1 + 2j
In [41]: cval ** 2
Out[41]: (-3+4j)
In [42]: a = 'this is a string'
In [43]: a[10] = 'f'
                                  Traceback (most recent call last)
TypeError
<ipython-input-43-5ca625d1e504> in <module>()
---> 1 a[10] = 'f'
TypeError: 'str' object does not support item assignment
In [44]: a = a.replace("string", "longer string")
In [45]: a
Out[45]: 'this is a longer string'
In [46]: s = r'this\is\no\special\characters'
In [47]: s
Out[47]: 'this\\is\\no\\special\\characters'
In [48]: template = '%.2f %s are worth $%d'
In [49]: template % (4.5560, 'Argentine Pesos', 1)
Out[49]: '4.56 Argentine Pesos are worth $1'
In [50]: template % (4.5560, 'Argentine Pesos', 1.0)
Out[50]: '4.56 Argentine Pesos are worth $1'
In [51]: template = '%.2f %s are worth $%f'
In [52]: template % (4.5560, 'Argentine Pesos', 1)
Out[52]: '4.56 Argentine Pesos are worth $1.000000'
In [53]: template % (4.5560, 222, 1)
Out[53]: '4.56 222 are worth $1.000000'
In [54]: template % (4.5560, u66, 1)
NameError
                                        Traceback (most recent call last)
<ipython-input-54-6e0e3db768fc> in <module>()
---> 1 template % (4.5560, u66, 1)
NameError: name 'u66' is not defined
In [55]: template % (4.5560, u'66', 1)
Out[55]: u'4.56 66 are worth $1.000000'
In [56]: template % (4.5560, 'u66', 1)
Out[56]: '4.56 u66 are worth $1.000000'
In [57]: bool([]), bool([])
Out[57]: (False, False)
In [58]: bool([]), bool([''])
Out[58]: (False, True)
In [59]: def add_and_maybe_multiply(a, b, c = None):
               result = a + b
```

```
%install_default_config if
                                                int
                                                                        isiterable
%install_ext
                       import
                                                intern
                                                                        issubclass
%install_profiles
                      in
                                                is
                                                                        iter
id
                       input
                                                isinstance
            if c is not None:
                     result = result * c
In [60]: add_and_maybe_multiply
Out[60]: <function __main__.add_and_maybe_multiply>
In [61]: add_and_maybe_multiply
add_and_maybe_multiply
In [61]: add_and_maybe_multiply.
add_and_maybe_multiply.func_closure add_and_maybe_multiply.func_doc
add_and_maybe_multiply.func_code
                                    add_and_maybe_multiply.func_globals
add_and_maybe_multiply.func_defaults add_and_maybe_multiply.func_name
add_and_maybe_multiply.func_dict
In [61]: add_and_maybe_multiply.func_func_code
______
AttributeError
                                        Traceback (most recent call last)
<ipython-input-61-adb28ac622a8> in <module>()
---> 1 add_and_maybe_multiply.func_func_code
AttributeError: 'function' object has no attribute 'func_func_code'
In [62]: add_and_maybe_multiply.func_code
Out[62]: <code object add_and_maybe_multiply at 0x104056330, file "<ipython-input-59-191127aaab70>",
line 1>
In [63]: from datetime import datetime, date, time
In [64]: dt = datetime(2018, 03, 11, 20, 23, 31)
In [65]: dt.day
Out[65]: 11
In [66]: dt.month
Out[66]: 3
In [67]: dt.second
Out[67]: 31
In [68]: dt.strftime('%m/%d/%Y %H:%M')
Out[68]: '03/11/2018 20:23'
In [69]: dt = datetime(2018, 3, 11, 20, 23, 31)
In [70]: dt.strftime('%m/%d/%Y %H:%M')
Out[70]: '03/11/2018 20:23'
In [71]: def attempt_float(x):
   ....: try:
                      return float(x)
            except:
                      return x 'cannot be transformed'
  File "<ipython-input-71-3de41e972f77>", line 5
   return x 'cannot be transformed'
SyntaxError: invalid syntax
In [72]: def attempt_float(x):
   try:
               return float(x)
```

```
except:
              return 'cannot be transformed'
In [73]: seq = [1, string]
NameError
                                      Traceback (most recent call last)
<ipython-input-73-9cf8714dcdb0> in <module>()
---> 1 seq = [1, string]
NameError: name 'string' is not defined
In [74]: seq = [1, 'string']
In [75]: for item in seq:
  ....: attempt_float(item)
In [76]: for item in seq:
     print attempt_float(item)
1.0
cannot be transformed
In [77]: tup = tuple(['string',666])
In [78]: tup
Out[78]: ('string', 666)
In [79]: tup = tuple('string')
In [80]: top
                                Traceback (most recent call last)
NameError
<ipython-input-80-facdca2fa687> in <module>()
---> 1 top
NameError: name 'top' is not defined
In [81]: tup
Out[81]: ('s', 't', 'r', 'i', 'n', 'g')
In [82]: tup = ('666')
In [83]: tup * 6
In [84]: tup = ('666',)
In [85]: tup * 6
Out[85]: ('666', '666', '666', '666', '666')
In [86]: sep = ((1,2,3), (4,5,6), (7,8,9))
In [87]: for a, b, c in seq:
        print c
                              Traceback (most recent call last)
<ipython-input-87-56b379b27aad> in <module>()
----> 1 for a, b, c in seq:
    2 print c
     3
TypeError: 'int' object is not iterable
In [88]: sep = [(1,2,3), (4,5,6), (7,8,9)]
```

```
In [89]: for a, b, c in seq:
     print c
______
                              Traceback (most recent call last)
TypeError
<ipython-input-89-56b379b27aad> in <module>()
----> 1 for a, b, c in seq:
        print c
     3
TypeError: 'int' object is not iterable
In [90]: a
Out[90]: 'this is a longer string'
In [91]: b
Out[91]: [1, 2, 3, 4, 5]
In [92]: c
Out[92]: [1, 2, 3, 4, 5]
In [93]: for x, y, z in seq:
  ....: print z
                     Traceback (most recent call last)
TypeError
<ipython-input-93-878b5db4de61> in <module>()
----> 1 for x, y, z in seq:
    2 print z
     3
TypeError: 'int' object is not iterable
In [94]: for x, y, z in seq:
  ....: pass
                           Traceback (most recent call last)
<ipython-input-94-9bd34efc9e31> in <module>()
----> 1 for x, y, z in seq:
   2 pass
    3
TypeError: 'int' object is not iterable
In [95]: x
                                  Traceback (most recent call last)
<ipython-input-95-401b30e3b8b5> in <module>()
---> 1 x
NameError: name 'x' is not defined
In [96]: y
                           Traceback (most recent call last)
NameError
<ipython-input-96-009520053b00> in <module>()
----> 1 y
NameError: name 'y' is not defined
In [97]: z
______
NameError
                                   Traceback (most recent call last)
<ipython-input-97-a8a78d0ff555> in <module>()
NameError: name 'z' is not defined
```

```
In [98]: for (x, y, z,) in seq:
  ....: print z
                             Traceback (most recent call last)
TypeError
<ipython-input-98-e76338113b55> in <module>()
----> 1 for (x, y, z,) in seq:
     2 print z
     3
TypeError: 'int' object is not iterable
In [99]: for (x, y, z) in seq:
        print 1
         Traceback (most recent call last)
TypeError
<ipython-input-99-8775d8b20862> in <module>()
----> 1 for (x, y, z) in seq:
    2 print 1
     3
TypeError: 'int' object is not iterable
In [100]: for item in seq:
 ....: print item
1
string
In [101]: seq
Out[101]: [1, 'string']
In [102]: seq = [(1,2,3), (4,5,6), (7,8,9)]
In [103]: for (x, y, z,) in seq:
  print z
3
6
9
In [104]: seq.
seq.append seq.extend seq.insert seq.remove seq.sort
seq.count seq.index seq.pop seq.reverse
In [104]: seq.sour()
AttributeError
                                Traceback (most recent call last)
<ipython-input-104-83254eafc3a1> in <module>()
----> 1 seq.sour()
AttributeError: 'list' object has no attribute 'sour'
In [105]: seq.sout()
                             Traceback (most recent call last)
AttributeError
<ipython-input-105-58c1d091bd7e> in <module>()
---> 1 seq.sout()
AttributeError: 'list' object has no attribute 'sout'
In [106]: seq.sort()
In [107]: seq
Out[107]: [(1, 2, 3), (4, 5, 6), (7, 8, 9)]
```

```
In [108]: list = [1,2,3]
In [109]: list.
list.append list.extend list.insert list.remove list.sort
list.count list.index list.pop list.reverse
In [109]: list.append(1)
In [110]: list
Out[110]: [1, 2, 3, 1]
In [111]: list.remove(1)
In [112]: list
Out[112]: [2, 3, 1]
In [113]: 2 in list
Out[113]: True
In [114]: Null in list
                     Traceback (most recent call last)
NameError
<ipython-input-114-002e556b6808> in <module>()
----> 1 Null in list
NameError: name 'Null' is not defined
In [115]: NULL in list
                         Traceback (most recent call last)
NameError
<ipython-input-115-e382a63c2e5d> in <module>()
---> 1 NULL in list
NameError: name 'NULL' is not defined
In [116]: NONe
                     Traceback (most recent call last)
<ipython-input-116-d66c3aa5650a> in <module>()
---> 1 NONe
NameError: name 'NONe' is not defined
In [117]: None
In [118]: None in list
Out[118]: False
In [119]: list = ()
In [120]: list = []
In [121]: None in list
Out[121]: False
In [122]: list = [ ]
In [123]: None in list
Out[123]: False
In [124]: list = None
In [125]: None in list
                       Traceback (most recent call last)
TypeError
<ipython-input-125-ab39de7a2fef> in <module>()
---> 1 None in list
```

```
TypeError: argument of type 'NoneType' is not iterable
In [126]: list = [1,2,3,4,5]
In [127]: list.sort()?
 File "<ipython-input-127-7aefcf853b8b>", line 1
   list.sort()?
SyntaxError: invalid syntax
In [128]: list.sort?
Docstring:
L.sort(cmp=None, key=None, reverse=False) -- stable sort *IN PLACE*;
cmp(x, y) \rightarrow -1, 0, 1
         builtin_function_or_method
Type:
In [129]: list.
list.append list.extend list.insert list.remove list.sort
list.count
           list.index
                         list.pop
                                        list.reverse
In [129]: seq1 = ['foo', 'bar', 'baz']
In [130]: seq2 = ['one', 'two', 'three']
In [131]: for i , (a,b) in enumerate(zip(seq1, seq2)):
               print('%d: %s, %s' %(i, a, b))
0: foo, one
1: bar, two
2: baz, three
In [132]: for (a,b), i in enumerate(zip(seq1, seq2)):
       print('%d: %s, %s' %(i, a, b))
                                        Traceback (most recent call last)
<ipython-input-132-9aa91f1375d8> in <module>()
----> 1 for (a,b), i in enumerate(zip(seq1, seq2)):
     2
              print('%d: %s, %s' %(i, a, b))
     3
TypeError: 'int' object is not iterable
In [133]: zip(seq1, seq2)
Out[133]: [('foo', 'one'), ('bar', 'two'), ('baz', 'three')]
In [134]: enumerate(zip(seq1, seq2))
Out[134]: <enumerate at 0x1040b2910>
In [135]: print enumerate(zip(seq1, seq2))
<enumerate object at 0x1040b2fa0>
In [136]: pitchers = [('Nolan', 'Ryan'), ('Roger', 'Clemens'), ('Schilling', 'Curt')]
In [137]: first_names, last_names = unzip(*pitchers)
NameError
                                         Traceback (most recent call last)
<ipython-input-137-c37b148a3120> in <module>()
---> 1 first_names, last_names = unzip(*pitchers)
NameError: name 'unzip' is not defined
In [138]: first_names, last_names = zip(*pitchers)
In [139]: first_names
Out[139]: ('Nolan', 'Roger', 'Schilling')
```

```
In [140]: {2, 1, 2, 1, 3, 3}
Out[140]: {1, 2, 3}
In [141]: a = \{1, 2, 3, 4, 5\}
In [142]: b = \{3, 4, 5, 6, 7, 8\}
In [143]: a | b
Out[143]: {1, 2, 3, 4, 5, 6, 7, 8}
In [144]: a & b
Out[144]: {3, 4, 5}
In [145]: a - b
Out[145]: {1, 2}
In [146]: b -a
Out[146]: {6, 7, 8}
In [147]: a ^ b
Out[147]: {1, 2, 6, 7, 8}
In [148]: strings = ['a', 'as', 'bat', 'car', 'dove', 'python']
In [149]: x.upper() for x in strings if len(x) > 2
 File "<ipython-input-149-81b257eb5a6a>", line 1
   x.upper() for x in strings if len(x) > 2
SyntaxError: invalid syntax
In [150]: x.upper() for x in strings if len(x) > 2
  File "<ipython-input-150-6a34ff6cdc5e>", line 1
   x.upper() for x in strings if len(x) > 2
SyntaxError: invalid syntax
In [151]: [x.upper() for x in strings if len(x) > 2]
Out[151]: ['BAT', 'CAR', 'DOVE', 'PYTHON']
In [152]: for x in strings:
  \dots if len(x) > 2
                       a.append(x.upper())
 File "<ipython-input-152-038270ec7ce4>", line 2
   if len(x) > 2
SyntaxError: invalid syntax
In [153]: for x in strings:
      if len(x) > 2:
                       strings.append(x.upper())
```

```
if len(x) > 2:
----> 3
              strings.append(x.upper())
    4
KeyboardInterrupt:
In [154]: for x in strings:
     if len(x) > 2:
              strings.append(x.upper())
KeyboardInterrupt Traceback (most recent call last)
<ipython-input-154-952e878b1199> in <module>()
    1 for x in strings:
    2 if len(x) > 2:
             strings.append(x.upper())
---> 3
    4
KeyboardInterrupt:
In [155]: for x in strings:
 if len(x) > 2:
             print x
 File "<ipython-input-155-30ff01d7adb9>", line 3
   print x
IndentationError: expected an indented block
If you want to paste code into IPython, try the %paste and %cpaste magic functions.
In [156]: for x in strings:
       if len(x) > 2:
       print x
Display all 583 possibilities? (y or n)
                                                 _i7
%%!
                        _10
                                                 _i70
%%HTML
                        _101
                                                 _i71
%%SVG
                        _107
                                                 _i72
%%bash
                        _110
%%capture
                                                 _i73
                        _112
%%debug
                                                 _i74
                        _113
%%file
                                                 _i75
%%html
                        _118
                                                 _i76
‰javascript
                        _12
                                                 _i77
                        _121
%%latex
                                                 _i78
%%perl
                        _123
                                                 _i79
                        _13
                                                 _i8
%%prun
%%руру
                        _133
                                                 _i80
                        _134
%%python
                                                 _i81
                        _139
%%python2
                                                 _i82
                        _140
                                                 _i83
%%python3
                        _143
%%ruby
                                                 _i84
                        _144
                                                 _i85
%%script
                                                 _i86
                        _145
%%sh
                        _146
‰svg
                                                 _i87
                        _147
                                                 _i88
%%sx
                        _151
                                                 _i89
%%system
                        _17
                                                 _i9
%%time
                        _18
                                                 _i90
%%timeit
                                                 _i91
%%writefile
                        _22
```

%alias

_25

_i92

%alias_magic	_27	_i93
%autocall	_28	_i94
%autoindent	_29	_i95
%automagic	_33	_i96
%bookmark	_34	_i97
%cat	_35	_i98
%cd	_36	_i99
%clear	_37	_ih
%colors	_38	_ii
%config	_39	_iii
%ср	_41	_oh
%cpaste	_45	_sh
%debug	_47	a
%dhist	_49	abs
%dirs	_50	add_and_maybe_multiply
%doctest_mode	_52	all
%ed	_53	amber_test
%edit	_55	anaconda
%env	_56	and
%gui %hist	_57 _58	android
	_50 _60	any append_element
%history	_62	
%install_default_config %install_ext	_65	apply as
%install_profiles	_66	assert
	_67	
%killbgscripts %ldir	_68	<pre>attempt_float b</pre>
%less	_08 _70	basestring
%lf	_78	bin
%lk	_81	bool
%11	_83	break
%load	_85	buffer
%load_ext	_90	bytearray
%loadpy	_91	bytes
%logoff	_92	C
		callable
%logon		callable chr
%logon %logstart	 IPYTHON IPYTHONactive	
%logon	 IPYTHON	chr
%logon %logstart %logstate	 IPYTHON	chr class
%logon %logstart %logstate %logstop	 IPYTHON IPYTHONactive 	chr class classmethod
%logon %logstart %logstate %logstop %ls %lsmagic %lx	 IPYTHON IPYTHONactive builtin debug doc	chr class classmethod cmp coerce compile
<pre>%logon %logstart %logstate %logstop %ls %lsmagic %lx %macro</pre>	 IPYTHON IPYTHONactive builtin debug	chr class classmethod cmp coerce compile complex
<pre>%logon %logstart %logstate %logstop %ls %lsmagic %lx %macro %magic</pre>	IPYTHONIPYTHONactivebuiltindebugdocimportname	chr class classmethod cmp coerce compile complex continue
%logon %logstart %logstate %logstop %ls %lsmagic %lx %macro %magic %man	IPYTHONIPYTHONactivebuiltindebugdocimportnamepackage	chr class classmethod cmp coerce compile complex continue copyright
<pre>%logon %logstart %logstate %logstop %ls %lsmagic %lx %macro %magic %man %matplotlib</pre>	IPYTHONIPYTHONactivebuiltindebugdocimportnamepackagedh	chr class classmethod cmp coerce compile complex continue copyright credits
%logon %logstart %logstate %logstop %ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir	IPYTHONIPYTHONactivebuiltindebugdocimportnamepackagedh _i	chr class classmethod cmp coerce compile complex continue copyright credits curl
%logon %logstart %logstate %logstop %ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir %more	IPYTHONIPYTHONactivebuiltindebugdocimportnamepackagedh _i _i1	chr class classmethod cmp coerce compile complex continue copyright credits curl cval
%logon %logstart %logstate %logstop %ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir %more %mv	IPYTHONIPYTHONactivebuiltindebugdocimportnamepackagedh _i _i1	chr class classmethod cmp coerce compile complex continue copyright credits curl cval date
%logon %logstart %logstate %logstop %ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir %more %mv %notebook	IPYTHONIPYTHONactivebuiltindebugdocimportnamepackagedh _i _i1 _i10 _i100	chr class classmethod cmp coerce compile complex continue copyright credits curl cval date datetime
%logon %logstart %logstate %logstop %ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page	IPYTHONIPYTHONactivebuiltindebugdocimportnamepackagedh _i _i1 _i10 _i100 _i100	chr class classmethod cmp coerce compile complex continue copyright credits curl cval date datetime def
%logon %logstart %logstate %logstop %ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste	IPYTHONIPYTHONactivebuiltindebugdocimportnamepackagedh _i _i1 _i10 _i100 _i101 _i102	chr class classmethod cmp coerce compile complex continue copyright credits curl cval date datetime def del
%logon %logstart %logstate %logstop %ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste %pastebin	IPYTHONIPYTHONactivebuiltindebugdocimportnamepackagedh _i _i1 _i10 _i100 _i101 _i102 _i103	chr class classmethod cmp coerce compile complex continue copyright credits curl cval date datetime def del delattr
%logon %logstart %logstate %logstop %ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste %pastebin %pdb	IPYTHONIPYTHONactivebuiltindebugdocimportnamepackagedh _i _i1 _i10 _i100 _i100 _i101 _i102 _i103 _i104	chr class classmethod cmp coerce compile complex continue copyright credits curl cval date datetime def del delattr dict
%logon %logstart %logstate %logstop %ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste %pastebin %pdb %pdef	IPYTHONIPYTHONactivebuiltindebugdocimportnamepackagedh _i _i1 _i10 _i100 _i100 _i101 _i102 _i103 _i104 _i105	chr class classmethod cmp coerce compile complex continue copyright credits curl cval date datetime def del delattr dict dir
%logon %logstart %logstate %logstop %ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste %pastebin %pdb %pdef %pdoc	IPYTHONIPYTHONactivebuiltindebugdocimportnamepackagedh _i _i1 _i10 _i100 _i101 _i102 _i103 _i104 _i105 _i106	chr class classmethod cmp coerce compile complex continue copyright credits curl cval date datetime def del delattr dict dir divmod
%logon %logstart %logstate %logstop %ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste %paste %pastebin %pdb %pdef %pdoc %pfile	IPYTHONIPYTHONactivebuiltindebugdocimportnamepackagedh _i _i1 _i10 _i100 _i101 _i102 _i103 _i104 _i105 _i106 _i107	chr class classmethod cmp coerce compile complex continue copyright credits curl cval date datetime def del delattr dict dir divmod dreload
%logon %logstart %logstate %logstop %ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste %pastebin %pdb %pdef %pdoc %pfile %pinfo	IPYTHONIPYTHONactivebuiltindebugdocimportnamepackagedh _i _i1 _i10 _i100 _i101 _i102 _i103 _i104 _i105 _i106 _i107 _i108	chr class classmethod cmp coerce compile complex continue copyright credits curl cval date datetime def del delattr dict dir divmod dreload dt
%logon %logstart %logstate %logstop %ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste %pastebin %pdb %pdef %pdoc %pfile %pinfo %pinfo2	IPYTHONIPYTHONactivebuiltindebugdocimportnamepackagedh _i _i1 _i10 _i100 _i101 _i102 _i103 _i104 _i105 _i106 _i107 _i108 _i109	chr class classmethod cmp coerce compile complex continue copyright credits curl cval date datetime def del delattr dict dir divmod dreload
%logon %logstart %logstate %logstop %ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste %pastebin %pdb %pdef %pdoc %pfile %pinfo %pinfo2 %popd	IPYTHONIPYTHONactivebuiltindebugdocimportnamepackagedh _i _i1 _i10 _i100 _i101 _i102 _i103 _i104 _i105 _i106 _i107 _i108	chr class classmethod cmp coerce compile complex continue copyright credits curl cval date datetime def del delattr dict dir divmod dreload dt elif
%logon %logstart %logstate %logstop %ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste %pastebin %pdb %pdef %pdoc %pfile %pinfo %pinfo2	IPYTHONIPYTHONactivebuiltindebugdocimportnamepackagedh _i _i1 _i10 _i100 _i101 _i102 _i103 _i104 _i105 _i106 _i107 _i108 _i109 _i11	chr class classmethod cmp coerce compile complex continue copyright credits curl cval date datetime def del delattr dict dir divmod dreload dt elif else
%logon %logstart %logstate %logstop %ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste %pastebin %pdb %pdef %pdoc %pfile %pinfo %pinfo %pinfo2 %popd %pprint	IPYTHONIPYTHONactivebuiltindebugdocimportnamepackagedh _i _i1 _i10 _i100 _i101 _i102 _i103 _i104 _i105 _i106 _i107 _i108 _i109 _i11	chr class classmethod cmp coerce compile complex continue copyright credits curl cval date datetime def del delattr dict dir divmod dreload dt elif else enumerate
%logon %logstart %logstate %logstop %ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste %pastebin %pdb %pdef %pdoc %pfile %pinfo %pinfo2 %popd %pprint %precision	IPYTHONIPYTHONactivebuiltindebugdocimportnamepackagedh _i _i1 _i10 _i100 _i101 _i102 _i103 _i104 _i105 _i106 _i107 _i108 _i109 _i11 _i110 _i111	chr class classmethod cmp coerce compile complex continue copyright credits curl cval date datetime def del delattr dict dir divmod dreload dt elif else enumerate eval
%logon %logstart %logstate %logstop %ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste %pastebin %pdb %pdb %pdef %pdoc %pfile %pinfo %pinfo %pinfo2 %popd %pprint %precision %profile	IPYTHONIPYTHONactivebuiltindebugdocimportnamepackagedh _i _i1 _i10 _i100 _i101 _i102 _i103 _i104 _i105 _i106 _i107 _i108 _i109 _i11 _i110 _i111 _i110 _i111 _i111	chr class classmethod cmp coerce compile complex continue copyright credits curl cval date datetime def del delattr dict dir divmod dreload dt elif else enumerate eval except
%logon %logstart %logstate %logstop %ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste %pastebin %pdb %pdef %pdoc %pfile %pinfo %pinfo2 %popd %pprint %precision %profile %prun	IPYTHONIPYTHONactivebuiltindebugdocimportnamepackagedh _i _i1 _i10 _i100 _i101 _i102 _i103 _i104 _i105 _i106 _i107 _i108 _i109 _i11 _i110 _i111 _i112 _i111	chr class classmethod cmp coerce compile complex continue copyright credits curl cval date datetime def del delattr dict dir divmod dreload dt elif else enumerate eval except exec execfile exit
%logon %logstart %logstate %logstop %ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste %pastebin %pdb %pdef %pdoc %pfile %pinfo %pinfo2 %popd %pprint %precision %precision %profile %prun %psearch %psource %pushd	IPYTHONIPYTHONactivebuiltindebugdocimportnamepackagedh _i _i1 _i10 _i100 _i101 _i102 _i103 _i104 _i105 _i106 _i107 _i108 _i109 _i11 _i110 _i111 _i112 _i111 _i112 _i113 _i114 _i115 _i116	chr class classmethod cmp coerce compile complex continue copyright credits curl cval date datetime def del delattr dict dir divmod dreload dt elif else enumerate eval except exec execfile exit experiments
%logon %logstart %logstate %logstop %ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste %pastebin %pdb %pdb %pdef %pdoc %pfile %pinfo %pinfo2 %popd %pprint %precision %precision %profile %prun %psearch %psource	IPYTHONIPYTHONactivebuiltindebugdocimportnamepackagedh _i _i1 _i10 _i100 _i101 _i102 _i103 _i104 _i105 _i106 _i107 _i108 _i109 _i11 _i110 _i110 _i111 _i112 _i111 _i112 _i113 _i114 _i115	chr class classmethod cmp coerce compile complex continue copyright credits curl cval date datetime def del delattr dict dir divmod dreload dt elif else enumerate eval except exec execfile exit

%pycat	_i118	filter
%pylab	_i119	finally
%quickref	_i12	first_names
%recall	_i120	float
%rehashx	_i121	for
%reload_ext	_i122	format
%rep	_i123	from
%rerun	_i124	frozenset
%reset	_i125	get_ipython
%reset_selective	_i126	getattr
%rm	_i127	global
%rmdir	_i128	globals
%run	_i129	hasattr
%save	_i13	hash
%sc	_i130	help
%set_env	_i131	hex ·
%store	_i132	i
%sx	_i133	id if
%system	_i134	= -
%tb	_i135	import
%time	_i136	in
%timeit	_i137	input
%unalias	_i138	int
%unload_ext	_i139	intern
%who	_i14	is
%who_ls	_i140	isinstance
%whos	_i141	isiterable
%xdel	_i142	issubclass
%xmode	_i143	item
Applications	_i144	iter
ArithmeticError	_i145	lambda
AssertionError	_i146	last_names
AttributeError	_i147	len
BaseException	_i148 _i149	license list
BufferError	_i15	locals
BytesWarning Creative\ Cloud\ Files	_i150	long
DeprecationWarning	_i150 _i151	3
Desktop	_i151 _i152	map max
Developer	_i153	memoryview
Documents	_i154	min
Downloads	_i155	next
Dropbox	_i16	nohup.out
EOFError	_i17	not
Ellipsis	_i18	object
EnvironmentError	_i19	oct
Exception	_i2	open
False	_i20	or
FloatingPointError	_i21	ord
FutureWarning	_i22	pass
GeneratorExit	_i23	pitchers
IOError	_i24	pow
ImportError	_i25	print
ImportWarning	_i26	property
In	_i27	quit
IndentationError	_i28	raise
IndexError	_i29	range
KeyError	_i3	raw_input
KeyboardInterrupt	_i30	reduce
Library	_i31	reload
LookupError	_i32	repr
MDIGB0_ideal.xbgf	_ _i33	requirement.txt
Mathematica	_i34	return
MemoryError	_i35	reversed
Movies	_i36	round
Music	_ _i37	S
NameError	_i38	seaborn-data
None	_i39	sep

NotImplemented	_i4	seq
NotImplementedError	_i40	seq1
OSError	i41	sea2
	-	•
Out	_i42	set
OverflowError	_i43	setattr
Parallels	_i44	slice
PendingDeprecationWarning	_i45	solarized
Pictures	_i46	sorted
Public	i47	staticmethod
PycharmProjects	_i48	str
ReferenceError		
	_i49	strings
RuntimeError	_i5	sum
RuntimeWarning	_i50	super
StandardError	_i51	template
StopIteration	_i52	texput.log
SyntaxError	_i53	time
SyntaxWarning	_i54	try
= =	i55	•
SystemError	_ : :	tup
SystemExit	_i56	tuple
TabError	_i57	type
True	_i58	unichr
TypeError	_i59	unicode
UnboundLocalError	_ _i6	vars
UnicodeDecodeError	_i60	while
UnicodeEncodeError	_i61	with
UnicodeError	i62	
**********	- -	X
UnicodeTranslateError	_i63	xrange
UnicodeWarning	_i64	У
Untitled.ipynb	_i65	yield
UserWarning	_i66	Z
ValueError	_i67	zip
Warning	_i68	
ZeroDivisionError	_i69	
<pre>In [156]: for x in strings</pre>	:	
if len(x) > 2: print x		
if len(x) > 2:		
if len(x) > 2: print x		_i7
<pre>if len(x) > 2: print x Display all 583 possibilit</pre>		_i7 _i70
<pre>if len(x) > 2: print x Display all 583 possibilit %%!</pre>	ies? (y or n) - _10	_ _i70
<pre>if len(x) > 2: print x Display all 583 possibilit %%! %%HTML %%SVG</pre>	ies? (y or n) - _10 _101	_ _i70 _i71
<pre>if len(x) > 2: print x Display all 583 possibilit %%! %%HTML %%SVG %%bash</pre>	ies? (y or n) _ _10 _101 _107	_ _i70 _i71 _i72
if len(x) > 2: print x Display all 583 possibilit %%! %%HTML %%SVG %%bash %capture	ies? (y or n) 10101107110	_i70 _i71 _i72 _i73
if len(x) > 2: print x Display all 583 possibilit %%! %%HTML %%SVG %%bash %capture %%debug	ies? (y or n)	_i70 _i71 _i72 _i73 _i74
<pre>if len(x) > 2: print x Display all 583 possibilit %%! %%HTML %%SVG %%bash %%capture %%debug %%file</pre>	ies? (y or n)	_i70 _i71 _i72 _i73 _i74 _i75
<pre>if len(x) > 2: print x Display all 583 possibilit %%! %%HTML %%SVG %%bash %%capture %%debug %%file %%html</pre>	ies? (y or n)	_i70 _i71 _i72 _i73 _i74 _i75 _i76
<pre>if len(x) > 2: print x Display all 583 possibilit %%! %%HTML %%SVG %%bash %%capture %%debug %%file %%html %%javascript</pre>	ies? (y or n) 10 _101 _107 _110 _112 _113 _118 _12	_i70 _i71 _i72 _i73 _i74 _i75 _i76 _i77
<pre>if len(x) > 2: print x Display all 583 possibilit %%! %%HTML %%SVG %%bash %%capture %%debug %%file %%html %%javascript %%latex</pre>	ies? (y or n) 10 -101 -107 -110 -112 -113 -118 -12 -121	_i70 _i71 _i72 _i73 _i74 _i75 _i76 _i77
<pre>if len(x) > 2: print x Display all 583 possibilit %%! %%HTML %%SVG %%bash %%capture %%debug %%file %%html %%javascript %%latex %%perl</pre>	ies? (y or n) 10 -101 -107 -110 -112 -113 -118 -12 -121	i70 _i71 _i72 _i73 _i74 _i75 _i76 _i77 _i78 _i79
<pre>if len(x) > 2: print x Display all 583 possibilit %%! %%HTML %%SVG %%bash %%capture %%debug %%file %%html %%javascript %%latex %%perl %%prun</pre>	ies? (y or n) 10 -101 -107 -110 -112 -113 -118 -12 -121 -123 -13	i70 _i71 _i72 _i73 _i74 _i75 _i76 _i77 _i78 _i79 _i8
<pre>if len(x) > 2: print x Display all 583 possibilit %%! %%HTML %%SVG %%bash %%capture %%debug %%file %%html %%javascript %%latex %%perl %%prun %%pypy</pre>	ies? (y or n) 10 -101 -107 -110 -112 -113 -118 -12 -121 -123 -13 -13	i70 _i71 _i72 _i73 _i74 _i75 _i76 _i77 _i78 _i79 _i8
<pre>if len(x) > 2: print x Display all 583 possibilit %%! %%HTML %%SVG %%bash %%capture %%debug %%file %%html %%javascript %%latex %%perl %%prun</pre>	ies? (y or n) 10 -101 -107 -110 -112 -113 -118 -12 -121 -123 -13 -133 -134	i70 _i71 _i72 _i73 _i74 _i75 _i76 _i77 _i78 _i79 _i8 _i80 _i81
<pre>if len(x) > 2: print x Display all 583 possibilit %%! %%HTML %%SVG %%bash %%capture %%debug %%file %%html %%javascript %%latex %%perl %%prun %%pypy</pre>	ies? (y or n) 10 -101 -107 -110 -112 -113 -118 -12 -121 -123 -13 -133 -134	i70 _i71 _i72 _i73 _i74 _i75 _i76 _i77 _i78 _i79 _i8
<pre>if len(x) > 2: print x Display all 583 possibilit %%! %%HTML %%SVG %%bash %%capture %%debug %%file %%html %%javascript %%latex %%perl %%prun %%pypy %%python %%python2</pre>	ies? (y or n) 10 -101 -107 -110 -112 -113 -118 -12 -121 -123 -13 -133 -134 -139	i70 _i71 _i72 _i73 _i74 _i75 _i76 _i77 _i78 _i79 _i8 _i80 _i81 _i82
<pre>if len(x) > 2: print x Display all 583 possibilit %%! %%HTML %%SVG %%bash %capture %%debug %*file %%html %%javascript %%latex %%perl %%prun %%pypy %%python %%python2 %%python3</pre>	ies? (y or n) 10 _101 _107 _110 _112 _113 _118 _12 _121 _123 _13 _133 _134 _139 _140	i70 _i71 _i72 _i73 _i74 _i75 _i76 _i77 _i78 _i79 _i8 _i80 _i81 _i82 _i83
<pre>if len(x) > 2: print x Display all 583 possibilit %%! %%HTML %%SVG %%bash %capture %%debug %%file %%html %%javascript %%latex %%perl %%prun %%pypy %%python %%python2 %%python3 %%ruby</pre>	ies? (y or n) 10 -101 -107 -110 -112 -113 -118 -12 -121 -123 -13 -133 -134 -139 -140 -143	i70 _i71 _i72 _i73 _i74 _i75 _i76 _i77 _i78 _i79 _i8 _i80 _i81 _i82 _i83 _i84
<pre>if len(x) > 2: print x Display all 583 possibilit %%! %%HTML %%SVG %%bash %%capture %%debug %%file %%html %%javascript %%latex %%perl %%prun %%pypy %%python %%python2 %%python3 %%ruby %%script</pre>	ies? (y or n) 10 -101 -107 -110 -112 -113 -118 -12 -121 -123 -13 -133 -134 -139 -140 -143 -144	i70 _i71 _i72 _i73 _i74 _i75 _i76 _i77 _i78 _i79 _i8 _i80 _i81 _i82 _i83 _i84 _i85
<pre>if len(x) > 2: print x Display all 583 possibilit %%! %%HTML %%SVG %%bash %%capture %%debug %%file %%html %%javascript %%latex %%perl %%prun %%pypy %%python %%python2 %%python3 %%ruby %%script %%sh</pre>	ies? (y or n) 10 -101 -107 -110 -112 -113 -118 -12 -121 -123 -13 -133 -134 -139 -140 -143 -144 -145	_i70 _i71 _i72 _i73 _i74 _i75 _i76 _i77 _i78 _i79 _i8 _i80 _i81 _i82 _i83 _i84 _i85 _i86
<pre>if len(x) > 2: print x Display all 583 possibilit %%! %%HTML %%SVG %%bash %%capture %%debug %file %%html %%javascript %%latex %%perl %%prun %%pypy %%python %%python2 %%python3 %%ruby %%script %%sh %%svg</pre>	ies? (y or n) 10 -101 -107 -110 -112 -113 -118 -12 -121 -123 -13 -133 -134 -139 -140 -143 -144 -145 -146	i70 _i71 _i72 _i73 _i74 _i75 _i76 _i77 _i78 _i79 _i8 _i80 _i81 _i82 _i83 _i84 _i85 _i86 _i87
<pre>if len(x) > 2: print x Display all 583 possibilit %%! %%HTML %%SVG %%bash %%capture %%debug %file %%html %%javascript %%latex %%perl %%prun %%pyby %%python %%python2 %%python3 %%ruby %%script %%sh %%svg %%sx</pre>	ies? (y or n) 10 -101 -107 -110 -112 -113 -118 -12 -121 -123 -13 -133 -134 -139 -140 -143 -144 -145 -146 -147	i70 _i71 _i72 _i73 _i74 _i75 _i76 _i77 _i78 _i79 _i8 _i80 _i81 _i82 _i83 _i84 _i85 _i86 _i87 _i88
<pre>if len(x) > 2: print x Display all 583 possibilit %%! %%HTML %%SVG %%bash %%capture %%debug %%file %%html %%javascript %%latex %%perl %%prun %%pypy %%python %%python2 %%python3 %%ruby %%script %%sh %%svg %%sx %%system</pre>	ies? (y or n) 10 -101 -107 -110 -112 -113 -118 -12 -121 -123 -13 -133 -134 -139 -140 -143 -144 -145 -146 -147 -151	i70 _i71 _i72 _i73 _i74 _i75 _i76 _i77 _i78 _i79 _i8 _i80 _i81 _i82 _i83 _i84 _i85 _i86 _i87 _i88 _i89
<pre>if len(x) > 2: print x Display all 583 possibilit %%! %%HTML %%SVG %%bash %%capture %%debug %%file %%html %%javascript %%latex %%perl %%prun %%pypy %%python %%python2 %%python3 %%ruby %%script %%sh %%svg %%sx %%system %%time</pre>	ies? (y or n) 10 -101 -107 -110 -112 -113 -118 -12 -121 -123 -13 -133 -134 -139 -140 -143 -144 -145 -146 -147 -151 -17	i70 _i71 _i72 _i73 _i74 _i75 _i76 _i77 _i78 _i79 _i8 _i80 _i81 _i82 _i83 _i84 _i85 _i86 _i87 _i88 _i89 _i9
<pre>if len(x) > 2: print x Display all 583 possibilit %%! %%HTML %%SVG %%bash %%capture %%debug %%file %%html %%javascript %%latex %%perl %%prun %%pypy %%python %%python2 %%python3 %%ruby %%script %%sh %%svg %%sx %%system %%time %%timeit</pre>	ies? (y or n) 10 -101 -107 -110 -112 -113 -118 -12 -121 -123 -13 -133 -134 -139 -140 -143 -144 -145 -146 -147 -151 -17 -18	i70 _i71 _i72 _i73 _i74 _i75 _i76 _i77 _i78 _i79 _i8 _i80 _i81 _i82 _i83 _i84 _i85 _i86 _i87 _i88 _i89 _i9
<pre>if len(x) > 2: print x Display all 583 possibilit %%! %%HTML %%SVG %%bash %%capture %%debug %%file %%html %javascript %%latex %%perl %%prun %%pypy %%python %%python2 %%python3 %%ruby %%script %%sh %%svg %%sx %%system %%time %%timeit %%writefile</pre>	ies? (y or n) 10 -101 -107 -110 -112 -113 -118 -12 -121 -123 -13 -133 -134 -139 -140 -143 -144 -145 -146 -147 -151 -17 -18 -22	i70 _i71 _i72 _i73 _i74 _i75 _i76 _i77 _i78 _i79 _i8 _i80 _i81 _i82 _i83 _i84 _i85 _i86 _i87 _i88 _i89 _i9
<pre>if len(x) > 2: print x Display all 583 possibilit %%! %%HTML %%SVG %%bash %%capture %%debug %%file %%html %%javascript %%latex %%perl %%prun %%pypy %%python %%python2 %%python3 %%ruby %%script %%sh %%svg %%sx %%system %%time %%timeit %%writefile %alias</pre>	ies? (y or n) 10 -101 -107 -110 -112 -113 -118 -12 -121 -123 -13 -133 -134 -139 -140 -143 -144 -145 -146 -147 -151 -17 -18 -22 -25	i70 _i71 _i72 _i73 _i74 _i75 _i76 _i77 _i78 _i79 _i8 _i80 _i81 _i82 _i83 _i84 _i85 _i86 _i87 _i88 _i89 _i9 _i90 _i91 _i92
<pre>if len(x) > 2: print x Display all 583 possibilit %%! %%HTML %%SVG %%bash %%capture %%debug %%file %%html %javascript %%latex %%perl %%prun %%pypy %%python2 %%python3 %%ruby %%script %%sh %%svg %%sx %%system %%time %%timeit %%writefile %alias %alias_magic</pre>	ies? (y or n) 10 -101 -107 -110 -112 -113 -118 -12 -121 -123 -13 -133 -134 -139 -140 -143 -144 -145 -146 -147 -151 -17 -18 -22 -25 -27	i70 _i71 _i72 _i73 _i74 _i75 _i76 _i77 _i78 _i79 _i8 _i80 _i81 _i82 _i83 _i84 _i85 _i86 _i87 _i88 _i89 _i9 _i90 _i91 _i92 _i93
<pre>if len(x) > 2: print x Display all 583 possibilit %%! %%HTML %%SVG %%bash %%capture %%debug %%file %%html %%javascript %%latex %%perl %%prun %%pypy %%python %%python2 %%python3 %%ruby %%script %%sh %%svg %%sx %%system %%time %%timeit %%writefile %alias</pre>	ies? (y or n) 10 -101 -107 -110 -112 -113 -118 -12 -121 -123 -13 -133 -134 -139 -140 -143 -144 -145 -146 -147 -151 -17 -18 -22 -25 -27 -28	- i70 -i70 -i71 -i72 -i73 -i74 -i75 -i76 -i77 -i78 -i79 -i8 -i80 -i81 -i82 -i83 -i84 -i85 -i86 -i87 -i88 -i89 -i9 -i90 -i91 -i92 -i93 -i94
<pre>if len(x) > 2: print x Display all 583 possibilit %%! %%HTML %%SVG %%bash %%capture %%debug %%file %%html %javascript %%latex %%perl %%prun %%pypy %%python2 %%python3 %%ruby %%script %%sh %%svg %%sx %%system %%time %%timeit %%writefile %alias %alias_magic</pre>	ies? (y or n) 10 -101 -107 -110 -112 -113 -118 -12 -121 -123 -13 -133 -134 -139 -140 -143 -144 -145 -146 -147 -151 -17 -18 -22 -25 -27	i70 _i71 _i72 _i73 _i74 _i75 _i76 _i77 _i78 _i79 _i8 _i80 _i81 _i82 _i83 _i84 _i85 _i86 _i87 _i88 _i89 _i9 _i90 _i91 _i92 _i93
<pre>if len(x) > 2: print x Display all 583 possibilit %%! %%HTML %%SVG %%bash %%capture %%debug %%file %%html %javascript %%latex %%perl %%prun %%pypy %%python2 %%python3 %%ruby %%script %%sh %%svg %%sx %%system %%time %%timeit %%writefile %alias %alias_magic %autocall</pre>	ies? (y or n) 10 -101 -107 -110 -112 -113 -118 -12 -121 -123 -13 -133 -134 -139 -140 -143 -144 -145 -146 -147 -151 -17 -18 -22 -25 -27 -28	- i70 -i70 -i71 -i72 -i73 -i74 -i75 -i76 -i77 -i78 -i79 -i8 -i80 -i81 -i82 -i83 -i84 -i85 -i86 -i87 -i88 -i89 -i9 -i90 -i91 -i92 -i93 -i94

%bookmark	_34	_i97
%cat	_35	_i98
%cd	_36	_i99
%clear	_37	_ih
%colors	_38	_ii
%config	_39	_ _iii
%ср	_41	_oh
%cpaste	_45	_sh
%debug	_47	_
_	-	a ala a
%dhist	_49	abs
%dirs	_50	add_and_maybe_multiply
%doctest_mode	_52	all
%ed	_53	amber_test
%edit	_55	anaconda
%env	_56	and
%gui	_57	android
%hist	_58	any
%history	_60	append_element
%install_default_config	_62	apply
%install_ext	_65	as
%install_profiles	_66	assert
	_67	
%killbgscripts	-	attempt_float
%ldir	_68	b
%less	_70	basestring
%lf	_78	bin
%1 k	_81	bool
%11	_83	break
%load	_85	buffer
%load_ext	_90	bytearray
%loadpy	_91	bytes
%logoff	_92	C
%logon	_32	callable
%logstart	 IPYTHON	chr
	IPYTHON IPYTHONactive	class
%logstate	IPTIHONactive	classmethod
%logstop		
%ls	builtin	стр
%ls %lsmagic	debug	cmp coerce
%ls	debug doc	cmp coerce compile
%ls %lsmagic	debug	cmp coerce
%ls %lsmagic %lx	debug doc	cmp coerce compile
%ls %lsmagic %lx %macro %magic	debug doc import name	cmp coerce compile complex continue
%ls %lsmagic %lx %macro %magic %man	debug doc import name package	cmp coerce compile complex continue copyright
%ls %lsmagic %lx %macro %magic %man %matplotlib	debug doc import name package _dh	cmp coerce compile complex continue copyright credits
%ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir	debug doc import name package _dh _i	cmp coerce compile complex continue copyright credits curl
%ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir %more	debug doc import name package _dh _i _i	cmp coerce compile complex continue copyright credits curl cval
%ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir %more %mv	debug doc import name package _dh _i _i1 _i10	cmp coerce compile complex continue copyright credits curl cval date
%ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir %more %mv %notebook	debugdocimportnamepackagedh _i _i1 _i10 _i100	cmp coerce compile complex continue copyright credits curl cval date datetime
%ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page	debugdocimportnamepackagedh _i _i1 _i10 _i100 _i101	cmp coerce compile complex continue copyright credits curl cval date datetime def
%ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste	debugdocimportnamepackagedh _i _i11 _i10 _i100 _i101 _i102	cmp coerce compile complex continue copyright credits curl cval date datetime def del
%ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste %pastebin	debug doc import name package _dh _i _i1 _i10 _i100 _i101 _i102 _i103	cmp coerce compile complex continue copyright credits curl cval date datetime def del delattr
%ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste %pastebin %pdb	debug doc import name package _dh _i _i1 _i10 _i100 _i101 _i102 _i103 _i104	cmp coerce compile complex continue copyright credits curl cval date datetime def del delattr dict
%ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste %pastebin %pdb %pdef	debug doc import name package _dh _i _i1 _i10 _i100 _i100 _i101 _i102 _i103 _i104 _i105	cmp coerce compile complex continue copyright credits curl cval date datetime def del delattr dict dir
%ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste %pastebin %pdb	debug doc import name package _dh _i _i1 _i10 _i100 _i101 _i102 _i103 _i104	cmp coerce compile complex continue copyright credits curl cval date datetime def del delattr dict
%ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste %pastebin %pdb %pdef	debug doc import name package _dh _i _i1 _i10 _i100 _i100 _i101 _i102 _i103 _i104 _i105	cmp coerce compile complex continue copyright credits curl cval date datetime def del delattr dict dir
%ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste %pastebin %pdb %pdef %pdoc	debug doc import name package _dh _i _i1 _i10 _i100 _i101 _i102 _i103 _i104 _i105 _i106	cmp coerce compile complex continue copyright credits curl cval date datetime def del delattr dict dir divmod
%ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste %pastebin %pdb %pdef %pdoc %pfile %pinfo	debug doc import name package _dh _i _i1 _i10 _i100 _i101 _i102 _i103 _i104 _i105 _i106 _i107	cmp coerce compile complex continue copyright credits curl cval date datetime def del delattr dict dir divmod dreload
%1s %1smagic %1x %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste %pastebin %pdb %pdef %pdoc %pfile %pinfo %pinfo2	debug doc import name package _dh _i _i1 _i10 _i100 _i101 _i102 _i103 _i104 _i105 _i106 _i107 _i108 _i109	cmp coerce compile complex continue copyright credits curl cval date datetime def del delattr dict dir divmod dreload dt elif
%ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste %pastebin %pdb %pdef %pdoc %pfile %pinfo %pinfo %pinfo2 %popd	debug doc import name package _dh _i _i1 _i10 _i100 _i101 _i102 _i103 _i104 _i105 _i106 _i107 _i108 _i109 _i11	cmp coerce compile complex continue copyright credits curl cval date datetime def del delattr dict dir divmod dreload dt elif else
%ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste %pastebin %pdb %pdef %pdoc %pfile %pinfo %pinfo %pinfo %popd %pprint	debug doc import name package _dh _i _i1 _i10 _i100 _i101 _i102 _i103 _i104 _i105 _i106 _i107 _i108 _i109 _i11	cmp coerce compile complex continue copyright credits curl cval date datetime def del delattr dict dir divmod dreload dt elif else enumerate
%1s %1smagic %1x %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste %pastebin %pdb %pdb %pdef %pdoc %pfile %pinfo %pinfo %pinfo2 %popd %pprint %precision	debugdocimportnamepackagedh _i _i1 _i10 _i100 _i101 _i102 _i103 _i104 _i105 _i106 _i107 _i108 _i109 _i11 _i110 _i110 _i111	cmp coerce compile complex continue copyright credits curl cval date datetime def del delattr dict dir divmod dreload dt elif else enumerate eval
%ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste %pastebin %pdb %pdb %pdef %pdoc %pfile %pinfo %pinfo %pinfo2 %popd %pprint %precision %profile	debugdocimportnamepackagedh _i _i1 _i10 _i100 _i101 _i102 _i103 _i104 _i105 _i106 _i107 _i108 _i109 _i11 _i110 _i110 _i111 _i112	cmp coerce compile complex continue copyright credits curl cval date datetime def del delattr dict dir divmod dreload dt elif else enumerate eval except
%ls %lsmagic %lx %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste %pastebin %pdb %pdef %pdoc %pfile %pinfo %pinfo %pinfo2 %popd %pprint %precision %profile %prun	debugdocimportnamepackagedh _i _i1 _i10 _i100 _i101 _i102 _i103 _i104 _i105 _i106 _i107 _i108 _i109 _i11 _i110 _i111 _i112 _i112	cmp coerce compile complex continue copyright credits curl cval date datetime def del delattr dict dir divmod dreload dt elif else enumerate eval except exec
%1s %1smagic %1x %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste %pastebin %pdb %pdef %pdoc %pfile %pinfo %pinfo2 %popd %pprint %precision %profile %prun %psearch	debugdocimportnamepackagedh _i _i1 _i10 _i100 _i101 _i102 _i103 _i104 _i105 _i106 _i107 _i108 _i109 _i11 _i110 _i111 _i112 _i112 _i113 _i114	cmp coerce compile complex continue copyright credits curl cval date datetime def del delattr dict dir divmod dreload dt elif else enumerate eval except exec execfile
%1s %1smagic %1x %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste %pastebin %pdb %pdef %pdoc %pfile %pinfo %pinfo %pinfo2 %popd %pprint %precision %profile %prun %psearch %psource	debugdocimportnamepackagedh _i _i1 _i10 _i100 _i101 _i102 _i103 _i104 _i105 _i106 _i107 _i108 _i109 _i11 _i110 _i111 _i112 _i113 _i114 _i115	cmp coerce compile complex continue copyright credits curl cval date datetime def del delattr dict dir divmod dreload dt elif else enumerate eval except exec execfile exit
%1s %1smagic %1x %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste %pastebin %pdb %pdef %pdoc %pfile %pinfo %pinfo %pinfo2 %popd %pprint %precision %precision %profile %prun %psearch %psource %pushd	debug doc import name package _dh _i _i1 _i10 _i100 _i101 _i102 _i103 _i104 _i105 _i106 _i107 _i108 _i109 _i11 _i110 _i111 _i112 _i113 _i114 _i115 _i116	cmp coerce compile complex continue copyright credits curl cval date datetime def del delattr dict dir divmod dreload dt elif else enumerate eval except exec execfile exit experiments
%1s %1smagic %1x %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste %pastebin %pdb %pdef %pdoc %pfile %pinfo %pinfo2 %popd %pprint %precision %precision %profile %prun %psearch %psource %pushd %pwd	debugdocimportnamepackagedh _i _i1 _i10 _i100 _i101 _i102 _i103 _i104 _i105 _i106 _i107 _i108 _i109 _i11 _i110 _i111 _i112 _i113 _i114 _i115 _i116 _i117	cmp coerce compile complex continue copyright credits curl cval date datetime def del delattr dict dir divmod dreload dt elif else enumerate eval except exec execfile exit experiments file
%1s %1smagic %1x %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste %pastebin %pdb %pdef %pdoc %pfile %pinfo %pinfo2 %popd %pprint %precision %precision %profile %prun %psearch %psource %pushd %pwd %pycat	debugdocimportnamepackagedh _i _i1 _i10 _i100 _i101 _i102 _i103 _i104 _i105 _i106 _i107 _i108 _i109 _i11 _i112 _i111 _i112 _i113 _i114 _i115 _i116 _i117 _i118	cmp coerce compile complex continue copyright credits curl cval date datetime def del delattr dict dir divmod dreload dt elif else enumerate eval except exec execfile exit experiments file filter
%1s %1smagic %1x %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste %pastebin %pdb %pdef %pdoc %pfile %pinfo %pinfo2 %popd %pprint %precision %profile %prun %psearch %psource %pushd %pwd %pycat %pylab	debugdocimportnamepackagedh _i _i1 _i10 _i100 _i101 _i102 _i103 _i104 _i105 _i106 _i107 _i108 _i109 _i11 _i112 _i111 _i112 _i113 _i114 _i115 _i116 _i117 _i118 _i119	cmp coerce compile complex continue copyright credits curl cval date datetime def del delattr dict dir divmod dreload dt elif else enumerate eval except exec execfile exit experiments file filter finally
%1s %1smagic %1x %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste %pastebin %pdb %pdef %pdoc %pfile %pinfo %pinfo2 %popd %pprint %precision %precision %profile %prun %psearch %psource %pushd %pwd %pycat	debugdocimportnamepackagedh _i _i1 _i10 _i100 _i101 _i102 _i103 _i104 _i105 _i106 _i107 _i108 _i109 _i11 _i112 _i111 _i112 _i113 _i114 _i115 _i116 _i117 _i118	cmp coerce compile complex continue copyright credits curl cval date datetime def del delattr dict dir divmod dreload dt elif else enumerate eval except exec execfile exit experiments file filter
%1s %1smagic %1x %macro %magic %man %matplotlib %mkdir %more %mv %notebook %page %paste %pastebin %pdb %pdef %pdoc %pfile %pinfo %pinfo2 %popd %pprint %precision %profile %prun %psearch %psource %pushd %pwd %pycat %pylab	debugdocimportnamepackagedh _i _i1 _i10 _i100 _i101 _i102 _i103 _i104 _i105 _i106 _i107 _i108 _i109 _i11 _i112 _i111 _i112 _i113 _i114 _i115 _i116 _i117 _i118 _i119	cmp coerce compile complex continue copyright credits curl cval date datetime def del delattr dict dir divmod dreload dt elif else enumerate eval except exec execfile exit experiments file filter finally

%rehashx	_i121	for
%reload_ext	_i122	format
%rep	_i123	from
%rerun	_i124	frozenset
%reset	_i125	get_ipython
%reset_selective	_i126	getattr
%rm	_i127	global
%rmdir	_i128	globals
%run	_i129	hasattr
	_	
%save	_i13	hash
%sc	_i130	help
%set_env	_i131	hex
%store	_i132	i
%sx	_i133	id
%system	_i134	if
%tb	_i135	import
%time	_i136	in
%timeit	_i137	input
%unalias	_i138	int
%unload_ext	_i139	intern
%who	_i14	is
	_i14 _i140	
%who_ls		isinstance
%whos	_i141	isiterable
%xdel	_i142	issubclass
%xmode	_i143	item
Applications	_i144	iter
ArithmeticError	_i145	lambda
AssertionError	_i146	last_names
AttributeError	_i147	len
BaseException	_i148	license
BufferError	i149	list
BytesWarning	_i15	locals
Creative\ Cloud\ Files	_i150	
	_	long
DeprecationWarning	_i151	map
Desktop	_i152	max .
Developer	_i153	memoryview
Documents	_i154	min
Downloads	_i155	next
Dropbox	_i16	nohup.out
EOFError	_i17	not
Ellipsis	_i18	object
EnvironmentError	_i19	oct
Exception	_i2	open
False	_i20	or
	_i21	ord
FloatingPointError		- · ·
FutureWarning	_i22	pass
GeneratorExit	_i23	pitchers
I0Error	_i24	pow
ImportError	_i25	print
ImportWarning	_i26	property
In	_i27	quit
IndentationError	_i28	raise
IndexError	_i29	range
KeyError	_i3	raw_input
KeyboardInterrupt	_i30	reduce
Library	_i31	reload
LookupError	_i32	repr
MDIGB0_ideal.xbgf	_i33	requirement.txt
Mathematica	_i34	return
MemoryError	_i35	reversed
Movies	_i36	round
Music	_i37	S
NameError	_i38	seaborn-data
None	_i39	sep
NotImplemented	_i4	seq
NotImplementedError	_i40	seq1
OSError	_i41	seq2
Out	_i42	set
		300

```
OverflowError
                           _i43
                                                       setattr
                           _i44
Parallels
                                                       slice
PendingDeprecationWarning _i45
                                                       solarized
                           _i46
Pictures
                                                       sorted
                           _i47
Public
                                                       staticmethod
                           _i48
PycharmProjects
                                                       str
                           _i49
ReferenceError
                                                       strings
                           _i5
RuntimeError
                                                       sum
RuntimeWarning
                           _i50
                                                       super
StandardError
                           _i51
                                                       template
StopIteration
                           _i52
                                                       texput.log
SyntaxError
                           _i53
                                                       time
                           _i54
SyntaxWarning
                                                       try
                           _i55
SystemError
                                                       tup
                           _i56
                                                       tuple
SystemExit
                           _i57
TabError
                                                       type
                           _i58
True
                                                       unichr
                           _i59
TypeError
                                                       unicode
                           _i6
UnboundLocalError
                                                       vars
                           _i60
UnicodeDecodeError
                                                       while
UnicodeEncodeError
                           _i61
                                                       with
UnicodeError
                           _i62
                                                       Х
UnicodeTranslateError
                           _i63
                                                       xrange
                           _i64
UnicodeWarning
                           _i65
Untitled.ipynb
                                                       yield
UserWarning
                           _i66
                                                       Z
                           _i67
ValueError
                                                       zip
                           _i68
Warning
ZeroDivisionError
                           _i69
In [156]: for x in strings:
        if len(x) > 2:print x
            print x
  File "<ipython-input-156-627ca7a4225f>", line 3
   print x
IndentationError: unindent does not match any outer indentation level
If you want to paste code into IPython, try the %paste and %cpaste magic functions.
In [157]: for x in strings:
       if len(x) > 2:
                        print x
bat
car
dove
python
BAT
CAR
DOVE
PYTHON
BAT
CAR
DOVE
PYTHON
BAT
CAR
DOVE
PYTHON
\mathsf{BAT}
CAR
DOVE
PYTHON
BAT
CAR
```

DOVE

PYTHON

 BAT

 CAR

 DOVE

PYTHON

BAT

CAR

DOVE

PYTHON

BAT

CAR

DOVE

PYTHON

BAT

CAR

DOVE

PYTHON

 BAT

CAR

DOVE

PYTHON

 BAT

CAR

DOVE

PYTHON

 BAT

CAR

DOVE

PYTHON

BAT

CAR

DOVE

PYTHON

 BAT

CAR

DOVE PYTHON

BAT

CAR

DOVE

PYTHON

 BAT

 CAR

DOVE

PYTHON

BAT

CAR DOVE

DUVE

PYTHON

BAT CAR

DOVE

PYTHON BAT

CAR

DOVE

PYTHON

 BAT

CAR

DOVE

PYTHON

BAT

 CAR

DOVE

PYTHON

BAT CAR

DOVE