

```
In [2]: import random
students = [
    'Tzwrtzina',
    'Andreas',
    'Xristos',
    'Andromaxh',
    'Danah',
    'Antwnia',
    'Aris',
    'Maria',
    'Sofia',
    'Iwanna',
    'Aggelos',
]

def random_student():
    return random.choice(students)

rs = random_student
```

```
In [14]: rs()
```

```
Out[14]: 'Sofia'
```

```
In [4]: 'it' in 'Mitsos'
```

```
Out[4]: True
```

```
In [6]: 'a' in 'Mitsos'
```

```
Out[6]: False
```

```
In [8]: 3 in [3,4,5]
```

```
Out[8]: True
```

```
In [10]: 'mitsos' in [4,5,'mitsos']
```

```
Out[10]: True
```

```
In [11]: [2,3,4,5]
```

```
Out[11]: [2, 3, 4, 5]
```

```
In [13]: sum([2,3,4,5])
```

```
Out[13]: 14
```

```
In [15]: min([5,4,2,7])
```

```
Out[15]: 2
```

```
In [16]: max([5,4,2,7])
```

```
Out[16]: 7
```

```
In [17]: rs()
```

```
Out[17]: 'Tzwrtzina'
```

```
In [19]: 'a' < 'b'
```

```
Out[19]: True
```

```
In [20]: 43 < 3
```

```
Out[20]: False
```

```
In [21]: rs()
```

```
Out[21]: 'Xristos'
```

```
In [24]: '23' < '3'
```

```
Out[24]: True
```

```
In [25]: '23 papadopoulos' < '3 papadoulos'
```

```
Out[25]: True
```

```
In [26]: '33' < '334'
```

```
Out[26]: True
```

```
In [ ]: '2 zdfbg sdfgzdfg' < '3 sdfgsdfgsdfgsdfgsdfgsdfg'
```

```
In [23]: 23 < 3
```

```
Out[23]: False
```

```
In [27]: 'a' < 'A'
```

```
Out[27]: False
```

```
In [28]: 'A' < 'a'
```

```
Out[28]: True
```

```
In [30]: min(['heraklion', 'athens', 'thessaloniki'])
```

```
Out[30]: 'athens'
```

```
In [31]: max(['heraklion', 'athens', 'thessaloniki'])
```

```
Out[31]: 'thessaloniki'
```

```
In [32]: 3 < 4
```

```
Out[32]: True
```

```
In [34]: [3] < [4]
```

```
Out[34]: True
```

```
In [36]: [3,4,5] < [3,4,6]
```

```
Out[36]: True
```

```
In [37]: [3,4,5] < [3]
```

```
Out[37]: False
```

```
In [38]: [3,4] < [3,4,1]
```

```
Out[38]: True
```

```
In [39]: [3,4] < [1,4,3]
```

```
Out[39]: False
```

```
In [41]: [3,4,1] < [1]
```

```
Out[41]: False
```

```
In [42]: 'a' + 3
```

```
-----  
-----  
TypeError                                Traceback (most recent  
t call last)  
<ipython-input-42-f701e8780759> in <module>()  
----> 1 'a' + 3
```

```
TypeError: can only concatenate str (not "int") to str
```

```
In [43]: 'a' < 3
```

```
-----  
-----  
TypeError                                Traceback (most recent  
call last)  
<ipython-input-43-5e7599499276> in <module>()  
----> 1 'a' < 3  
  
TypeError: '<' not supported between instances of 'str' and 'int'
```

```
In [44]: [3] < ['3']
```

```
-----  
-----  
TypeError                                Traceback (most recent  
call last)  
<ipython-input-44-c4b523518bef> in <module>()  
----> 1 [3] < ['3']  
  
TypeError: '<' not supported between instances of 'int' and 'str'
```

```
In [45]: [3,2] < [1,'3']
```

```
Out[45]: False
```

```
In [46]: [3,2] < [3,'3']
```

```
-----  
-----  
TypeError                                Traceback (most recent  
call last)  
<ipython-input-46-59268e29ed38> in <module>()  
----> 1 [3,2] < [3,'3']  
  
TypeError: '<' not supported between instances of 'int' and 'str'
```

```
In [47]: min(['heraklion', 'athens', 'thessaloniki'])
```

```
Out[47]: 'athens'
```

```
In [48]: min(['heraklion', 'athens', 'thessaloniki', 4])
```

```
-----
-----
TypeError                                Traceback (most recent
call last)
<ipython-input-48-710c425e4910> in <module>()
----> 1 min(['heraklion', 'athens', 'thessaloniki', 4])

TypeError: '<' not supported between instances of 'int' and 'str'
```

```
In [49]: min(['heraklion', 'athens', 'thessaloniki', '4'])
```

```
Out[49]: '4'
```

```
In [51]: list(range(1,10))
```

```
Out[51]: [1, 2, 3, 4, 5, 6, 7, 8, 9]
```

```
In [52]: list(range(1,10,2))
```

```
Out[52]: [1, 3, 5, 7, 9]
```

```
In [53]: list(range(10,1,-2))
```

```
Out[53]: [10, 8, 6, 4, 2]
```

```
In [55]: if 3<4:
          print ('hello')
```

```
hello
```

```
In [56]: if 4<3:
          print ('hello')
```

```
In [58]: if 3<4: print ('hello') # Ιουουουουου
```

```
hello
```

```
In [59]: if 3<4:
          print ('hello')
```

```
hello
```

```
In [61]: if 'el' in 'Hello':
          print (57)
```

```
57
```

```
In [63]: a=3
         if a < 10 or a > 100:
             print (100)
```

100

```
In [65]: a=3
         if      a      <      10      or      a      >      100
         :
             print (100)
```

100

```
In [66]: a=3
         if a < 10 or \
            a > 100:
             print (100)
```

100

```
In [68]: if ['a', 4] > ['b', 7]:
         print ('hello')
```

```
In [71]: if 3<4:
         print ('hello')
         print ('world')
```

hello
world

```
In [74]: if 3<2:
         print ('hello')

         print ('world')
```

world

```
In [75]: if 3<4:
         print ('hello')

         print ('world')
```

hello
world

```
In [76]: if 3<4:
          print ('hello')
          print ('mitsos')

          print ('world')
```

```
hello
mitsos
world
```

```
In [77]: if 4<3:
          print ('hello')
          print ('mitsos')

          print ('world')
```

```
world
```

```
In [79]: if 3<4:
          print ('hello')
          if 'a' < 'b':
              print ('mitsos')

          print ('world')
```

```
hello
mitsos
world
```

```
In [80]: if 3<4:
          print ('hello')
          if 'a' > 'b':
              print ('mitsos')

          print ('world')
```

```
hello
world
```

```
In [82]: if 3>4:
          print ('hello')
        else:
          print ('world')
```

```
world
```

```
In [83]: if 4>3:
          print ('hello')
        else:
          print ('world')
```

```
hello
```

```
In [85]: a = 1

if a == 1:
    print ('hello')
elif a == 2:
    print ('mitsos')
else:
    print ('world')
```

hello

```
In [86]: a = 2

if a == 1:
    print ('hello')
elif a == 2:
    print ('mitsos')
else:
    print ('world')
```

mitsos

```
In [87]: a = '` ,sdjfnsdkjfgldkjgbzdlkgblsdkjfgh'

if a == 1:
    print ('hello')
elif a == 2:
    print ('mitsos')
else:
    print ('world')
```

world

```
In [90]: a = 'Heraklion'

if 'e' in a:
    print ('hello')
elif 'a' in a:
    print ('mitsos')
else:
    print ('world')
```

hello


```
In [92]: a = 'Heraklion'

if 'e' in a:
    print ('hello')

if 'a' in a:
    print ('mitsos')
else:
    print ('world')
```

hello
mitsos

```
In [93]: a = 'Heraklion'

if 'e' in a:
    print ('hello')
    if 'a' in a:
        print ('mitsos')

#if 'a' in a:
#    print ('mitsos')
#else:
#    print ('world')
```

hello
mitsos

```
In [94]: else:
        print ('sdfg')
```

File "<ipython-input-94-f4a9373cd266>", line 1

```
else:
    ^
```

SyntaxError: invalid syntax

```
In [95]: for x in [3,5,7]:
        print (x)
```

3
5
7

```
In [96]: for x in range(1,30):  
         print (x)
```

```
1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29
```

```
In [97]: for x in 'Heraklion':  
         print (x)
```

```
H  
e  
r  
a  
k  
l  
i  
o  
n
```

```
In [99]: for x in [ [1,2,3] , [4,5,6] ]:  
         print (x)
```

```
[1, 2, 3]  
[4, 5, 6]
```

```
In [100]: for x in [ 1,2,3, 4,5,6]:  
          print (x)
```

```
1  
2  
3  
4  
5  
6
```

Τύπωσε όλους τους μονούς αριθμούς από 1 μέχρι το 20

```
In [101]: for x in range(1,20,2):  
          print (x)
```

```
1  
3  
5  
7  
9  
11  
13  
15  
17  
19
```

```
In [ ]:
```

```
In [103]: for x in range(1,20):  
          if x%2 == 1:  
              print (x)
```

```
1  
3  
5  
7  
9  
11  
13  
15  
17  
19
```

```
In [105]: for x in range(0,19):  
          print (x+1)
```

```
1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19
```

```
In [106]: for x in range(1,20):  
          if x%2 == 1:  
              print (x)
```

```
1  
3  
5  
7  
9  
11  
13  
15  
17  
19
```

```
In [107]: for x in range(1,20):  
           if x%2 == 0:  
               continue  
           print (x)
```

```
1  
3  
5  
7  
9  
11  
13  
15  
17  
19
```

```
In [116]: for x in range(1,40):  
  
    print ('x=',x)  
  
    if x%2 == 0:  
        print ('x is ' + str(x) + ' even.. CONTINUE!')  
        continue  
  
    if x > 19:  
        print ('x is ' + str(x) + ' greater than 19. BREAK!')  
        break  
  
    print (x)  
  
print ('====> ' + str(x))
```

```

x= 1
1
x= 2
x is 2 even.. CONTINUE!
x= 3
3
x= 4
x is 4 even.. CONTINUE!
x= 5
5
x= 6
x is 6 even.. CONTINUE!
x= 7
7
x= 8
x is 8 even.. CONTINUE!
x= 9
9
x= 10
x is 10 even.. CONTINUE!
x= 11
11
x= 12
x is 12 even.. CONTINUE!
x= 13
13
x= 14
x is 14 even.. CONTINUE!
x= 15
15
x= 16
x is 16 even.. CONTINUE!
x= 17
17
x= 18
x is 18 even.. CONTINUE!
x= 19
19
x= 20
x is 20 even.. CONTINUE!
x= 21
x is 21 greater than 19. BREAK!
====> 21

```

In [122]: `for x in [4,5,6]:`

```

    a = x + 4
    print (x, a)

print (a) # Τυπώνει τη τελευταία τιμή που έχει πάρει η a !

```

```

4 8
5 9
6 10
10

```

```
In [127]: a=1
          while a<=19:

              print (a)
              a += 2 # a=a+2

          print ( '==>' , a)
```

```
1
3
5
7
9
11
13
15
17
19
==> 21
```

```
In [131]: a=0
          while a<=19:

              a += 1 # a=a+1

              if a %2 == 0:
                  continue

              print (a)

          print ( '==>' , a)
```

```
1
3
5
7
9
11
13
15
17
19
==> 20
```



```
In [132]: a=0
while a<=100:

    a += 1 # a=a+1

    if a %2 == 0:
        continue

    print (a)
    if a>=19:
        break

print ( '==>' , a)
```

```
1
3
5
7
9
11
13
15
17
19
==> 19
```

```
In [133]: a=0
while 'mitsos' == 'mitsos':

    a += 1 # a=a+1

    if a %2 == 0:
        continue

    print (a)
    if a>=19:
        break

print ( '==>' , a)
```

```
1
3
5
7
9
11
13
15
17
19
==> 19
```

```
In [134]: rs()
```

```
Out[134]: 'Aggelos'
```

Όλους τους ζυγούς από το 20 μέχρι και το 0, με while!

```
In [139]: a=21
while a<=21:
    a-=1
    if a%2 == 0:
        print (a)

    if a == 0:
        break
```

```
20
18
16
14
12
10
8
6
4
2
0
```

```
In [140]: a=21
while True:
    a-=1
    if a%2 == 0:
        print (a)

    if a == 0:
        break
```

```
20
18
16
14
12
10
8
6
4
2
0
```

```
In [138]: a=21
          while a>0:
              a-=1
              if a%2 == 0:
                  print (a)
```

```
20
18
16
14
12
10
8
6
4
2
0
```

```
In [141]: rs()
```

```
Out[141]: 'Sofia'
```

5..10..15..20..25..100..Φτου και βγαίνω

```
In [146]: a=0
          while a<100:

              a += 1

              if a%5 == 0:
                  print (a)
          print ('Φτου και βγαίνω!')
```

```
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75
80
85
90
95
100
Φτου και βγαίνω!
```

```
In [147]: ## Χωρίς if!
```

```
In [149]: a=0
          while a<100:
              a += 5
              print (a)
          print ( 'Φτου και βγαίνω!')
```

```
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75
80
85
90
95
100
Φτου και βγαίνω!
```

```
In [150]: for a in range(5,105,5):
          print (a)
```

```
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75
80
85
90
95
100
```

```
In [153]: t=0
          while t in [4,5,6]:
              print (t)
```

```
In [154]: while False:
          print ('PAPADES')
```

```
In [ ]: t=4
         while t in [4,5,6]:
             print (t)
```

```
In [159]: t=5
          while t in range(5,105,5):
              print (t)
              t += 5
```

```
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75
80
85
90
95
100
```

```
In [ ]: t=5
         while t<100:
             print (t)
             t += 5
```

```
In [ ]:
```

```
In [156]: 5 in range(0,100)
```

```
Out[156]: True
```

```
In [157]: 105 in range(0,100)
```

```
Out[157]: False
```

In []:

In [151]: rs()

Out[151]: 'Andreas'

In [125]: `for b in [1,2,3]:`
`print (b)`

1
2
3

In [126]: `while c < 10:`
`print (c)`

```
-----
-----
NameError                                Traceback (most recent
t call last)
<ipython-input-126-c3f75e9b58ee> in <module>()
----> 1 while c < 10:
      2     print (c)

NameError: name 'c' is not defined
```

```
1
1 2
1 2 3
1 2 3 4
....
1 2 3 4 5 6 7 8 9 10
```

```
In [176]: for x in range(1,11):
           #print(1, x)
           s = ''
           for y in range(1, x+1):
               #print (' ', y)
               s += str(y) + ' '
           print (s)
```

```
1
1 2
1 2 3
1 2 3 4
1 2 3 4 5
1 2 3 4 5 6
1 2 3 4 5 6 7
1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9
1 2 3 4 5 6 7 8 9 10
```

```
In [178]: s = ''
           for i in range(1,11):
               s += str(i) + ' '
           print (s)
```

```
1
1 2
1 2 3
1 2 3 4
1 2 3 4 5
1 2 3 4 5 6
1 2 3 4 5 6 7
1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9
1 2 3 4 5 6 7 8 9 10
```

```
In [181]: s = ''
           i = 1
           while i<11:
               s += str(i) + ' '
               print (s)
               i += 1
```

```
1
1 2
1 2 3
1 2 3 4
1 2 3 4 5
1 2 3 4 5 6
1 2 3 4 5 6 7
1 2 3 4 5 6 7 8
1 2 3 4 5 6 7 8 9
1 2 3 4 5 6 7 8 9 10
```


Τυπώσει τη προπαίδεια του 7

1 x 7 = 7
2 x 7 = 14
3 x 7 = 21
...
10 x 7 = 70

```
In [185]: for i in range(1,11):  
           result = i*7  
           #print (result)  
           print (str(i) + ' x 7 = ' + str(result))
```

1 x 7 = 7
2 x 7 = 14
3 x 7 = 21
4 x 7 = 28
5 x 7 = 35
6 x 7 = 42
7 x 7 = 49
8 x 7 = 56
9 x 7 = 63
10 x 7 = 70

Τυπώσε τη προπαίδεια όλως των αριθμών από το 1 .. 10

```
In [189]: for x in range(1,11):  
          for i in range (1,11):  
              result = i*x  
              print (str(i) + ' X ' + str(x) + ' = ' + str(result))
```

```
1 X 1 = 1
2 X 1 = 2
3 X 1 = 3
4 X 1 = 4
5 X 1 = 5
6 X 1 = 6
7 X 1 = 7
8 X 1 = 8
9 X 1 = 9
10 X 1 = 10
1 X 2 = 2
2 X 2 = 4
3 X 2 = 6
4 X 2 = 8
5 X 2 = 10
6 X 2 = 12
7 X 2 = 14
8 X 2 = 16
9 X 2 = 18
10 X 2 = 20
1 X 3 = 3
2 X 3 = 6
3 X 3 = 9
4 X 3 = 12
5 X 3 = 15
6 X 3 = 18
7 X 3 = 21
8 X 3 = 24
9 X 3 = 27
10 X 3 = 30
1 X 4 = 4
2 X 4 = 8
3 X 4 = 12
4 X 4 = 16
5 X 4 = 20
6 X 4 = 24
7 X 4 = 28
8 X 4 = 32
9 X 4 = 36
10 X 4 = 40
1 X 5 = 5
2 X 5 = 10
3 X 5 = 15
4 X 5 = 20
5 X 5 = 25
6 X 5 = 30
7 X 5 = 35
8 X 5 = 40
9 X 5 = 45
10 X 5 = 50
1 X 6 = 6
2 X 6 = 12
3 X 6 = 18
4 X 6 = 24
5 X 6 = 30
6 X 6 = 36
```

```
7 X 6 = 42
8 X 6 = 48
9 X 6 = 54
10 X 6 = 60
1 X 7 = 7
2 X 7 = 14
3 X 7 = 21
4 X 7 = 28
5 X 7 = 35
6 X 7 = 42
7 X 7 = 49
8 X 7 = 56
9 X 7 = 63
10 X 7 = 70
1 X 8 = 8
2 X 8 = 16
3 X 8 = 24
4 X 8 = 32
5 X 8 = 40
6 X 8 = 48
7 X 8 = 56
8 X 8 = 64
9 X 8 = 72
10 X 8 = 80
1 X 9 = 9
2 X 9 = 18
3 X 9 = 27
4 X 9 = 36
5 X 9 = 45
6 X 9 = 54
7 X 9 = 63
8 X 9 = 72
9 X 9 = 81
10 X 9 = 90
1 X 10 = 10
2 X 10 = 20
3 X 10 = 30
4 X 10 = 40
5 X 10 = 50
6 X 10 = 60
7 X 10 = 70
8 X 10 = 80
9 X 10 = 90
10 X 10 = 100
```

Πόσα φωνήεντα έχει μία λέξη;;;;;

```
In [190]: f = 'αοειηυω'
```

```
In [191]: w = 'αλεξανδρος'
```

```
In [226]: # Σωστό αλλά πλεονάζων
c=0
for i in f:
    if i in w:
        #print (i)
        #c += 1
        c += w.count(i)

print (c)
```

4

```
In [228]: c=0
for i in f:
    c += w.count(i)

print (c)
```

4

```
In [229]: 'hello'.count('w')
```

```
Out[229]: 0
```

```
In [ ]:
```

```
In [205]: # Πόσα φωνήεντα έχει μία λέξη !

c=0
for i in w:
    if i in f:
        c += 1

print (c)

# Πόσα διαφορετικά φωνήεντα έχει μία λέξη!
c=0
for i in f:
    if i in w:
        c += 1

print (c)
```

4

3

Το άθροισμα όλων των αριθμών από το 1 μέχρι και το 100 που διαιρούνται με 3 !!!!

```
In [212]: a = 1
c = 0
while a<=100:
    if a % 3 == 0:
        #print (a)
        c = c + a

    a += 1

print (c)
```

1683

```
In [217]: sum(range(3,101,3))
```

Out[217]: 1683

Με πόσους (και ποιους) αριθμούς διαιρείται τέλεια το 1250 ;

```
In [224]: a=1

c=0
while a<1251:
    if 1250%a == 0:
        print (a)
        c += 1 # c = c + 1
    a += 1

print (c)
```

1
2
5
10
25
50
125
250
625
1250
10

```
In [219]: rs()
```

Out[219]: 'Aris'

In [220]: 10/0

```
-----  
-----  
ZeroDivisionError                                Traceback (most recent  
t call last)  
<ipython-input-220-e574edb36883> in <module>()  
----> 1 10/0  
  
ZeroDivisionError: division by zero
```

In [221]: 10 % 0

```
-----  
-----  
ZeroDivisionError                                Traceback (most recent  
t call last)  
<ipython-input-221-b4eaad6685bc> in <module>()  
----> 1 10 % 0  
  
ZeroDivisionError: integer division or modulo by zero
```

In [161]: **for** x **in** range(0, 10):
 print(x)

```
0  
1  
2  
3  
4  
5  
6  
7  
8  
9
```

In [165]: **for** x **in** range(-10, -1):
 print(x)

```
-10  
-9  
-8  
-7  
-6  
-5  
-4  
-3  
-2
```

In [171]: **for** x **in** range(5,6):
 print (x)

```
5
```

In []:

```
In [117]: if 4>2:  
          a='mitsos'  
          print (a)
```

mitsos

In []:

```
In [112]: rs()
```

Out[112]: 'Antwnia'

In []:


```
In [230]: help(list)
```

Help on class list in module builtins:

```
class list(object)
|   list(iterable=(), /)
|
|   Built-in mutable sequence.
|
|   If no argument is given, the constructor creates a new empty
y list.
|   The argument must be an iterable if specified.
|
|   Methods defined here:
|
|   __add__(self, value, /)
|       Return self+value.
|
|   __contains__(self, key, /)
|       Return key in self.
|
|   __delitem__(self, key, /)
|       Delete self[key].
|
|   __eq__(self, value, /)
|       Return self==value.
|
|   __ge__(self, value, /)
|       Return self>=value.
|
|   __getattr__(self, name, /)
|       Return getattr(self, name).
|
|   __getitem__(...)
|       x.__getitem__(y) <==> x[y]
|
|   __gt__(self, value, /)
|       Return self>value.
|
|   __iadd__(self, value, /)
|       Implement self+=value.
|
|   __imul__(self, value, /)
|       Implement self*=value.
|
|   __init__(self, /, *args, **kwargs)
|       Initialize self.  See help(type(self)) for accurate sig
nature.
|
|   __iter__(self, /)
|       Implement iter(self).
|
|   __le__(self, value, /)
|       Return self<=value.
|
|   __len__(self, /)
|       Return len(self).
```

```

__lt__(self, value, /)
    Return self<value.

__mul__(self, value, /)
    Return self*value.

__ne__(self, value, /)
    Return self!=value.

__repr__(self, /)
    Return repr(self).

__reversed__(self, /)
    Return a reverse iterator over the list.

__rmul__(self, value, /)
    Return value*self.

__setitem__(self, key, value, /)
    Set self[key] to value.

__sizeof__(self, /)
    Return the size of the list in memory, in bytes.

append(self, object, /)
    Append object to the end of the list.

clear(self, /)
    Remove all items from list.

copy(self, /)
    Return a shallow copy of the list.

count(self, value, /)
    Return number of occurrences of value.

extend(self, iterable, /)
    Extend list by appending elements from the iterable.

index(self, value, start=0, stop=9223372036854775807, /)
    Return first index of value.

    Raises ValueError if the value is not present.

insert(self, index, object, /)
    Insert object before index.

pop(self, index=-1, /)
    Remove and return item at index (default last).

    Raises IndexError if list is empty or index is out of range.

remove(self, value, /)
    Remove first occurrence of value.

```

```

    Raises ValueError if the value is not present.

reverse(self, /)
    Reverse *IN PLACE*.

sort(self, /, *, key=None, reverse=False)
    Stable sort *IN PLACE*.
-----
    Static methods defined here:

    __new__(*args, **kwargs) from builtins.type
        Create and return a new object.  See help(type) for accurate signature.
-----
    Data and other attributes defined here:

    __hash__ = None

```

In [232]: `help([].count)`

Help on built-in function count:

```
count(value, /) method of builtins.list instance
    Return number of occurrences of value.
```

In [98]: `rs()`

Out[98]: 'Andreas'

In []: