

```
In [7]: st = 'Print only the words that start with s in this sentence'
s=st.split()
for a in s:
    if a[0]=='s':
        print a
```

```
start
s
sentence
```

```
In [8]: for a in range(0,11):
        if a%2==0:
            print a
```

```
0
2
4
6
8
10
```

```
In [9]: lst=[x for x in xrange(1,51) if x%3==0]
```

```
In [10]: lst
```

```
Out[10]: [3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, 42, 45, 48]
```

```
In [13]: st = 'Print every word in this sentence that has an even number of letters'
s=st.split()
for a in s:
    if len(a)%2==0:
        print a+"Even"
```

```
wordEven
inEven
thisEven
sentenceEven
thatEven
anEven
evenEven
numberEven
ofEven
```

```
In [15]: for a in range(1,101):  
        if a%15==0:  
            print 'PizzBuzz'  
        elif a%5==0:  
            print 'Buzz'  
        elif a%3==0:  
            print 'Fizz'  
        else:  
            print a
```

1
2
Fizz
4
Buzz
Fizz
7
8
Fizz
Buzz
11
Fizz
13
14
PizzBuzz
16
17
Fizz
19
Buzz
Fizz
22
23
Fizz
Buzz
26
Fizz
28
29
PizzBuzz
31
32
Fizz
34
Buzz
Fizz
37
38
Fizz
Buzz
41
Fizz
43
44
PizzBuzz
46
47
Fizz
49
Buzz
Fizz
52
53
Fizz
Buzz
56
Fizz

```
58
59
PizzBuzz
61
62
Fizz
64
Buzz
Fizz
67
68
Fizz
Buzz
71
Fizz
73
74
PizzBuzz
76
77
Fizz
79
Buzz
Fizz
82
83
Fizz
Buzz
86
Fizz
88
89
PizzBuzz
91
92
Fizz
94
Buzz
Fizz
97
98
Fizz
Buzz
```

```
In [20]: st = 'Create a list of the first letters of every word in this string'
s=st.split()
lst=[x[0] for x in s ]
```

```
In [21]: lst
```

```
Out[21]: ['C', 'a', 'l', 'o', 't', 'f', 'l', 'o', 'e', 'w', 'i', 't', 's']
```