

# Loop Unpacking

```
for bundle in zip([1,2,3], 'abc'):  
    num, let = bundle  
    print(let * num)
```

```
for key in d:  
    val = d[key]  
    print('{}: {}'.format(key,  
                           val))
```

```
for num, let in  
zip([1,2,3], 'abc'):  
    print(let * num)
```

```
for key, val in d.items():  
    print('{}->{}'.format(key,  
                           val))
```

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# Use `collections` and `itertools`

```
d = {}  
for word in lex:  
    if len(word) not in d:  
        d[len(word)] = []  
    d[len(word)].append(word)
```

```
d = collections.defaultdict(list)  
for word in lex:  
    d[len(word)].append(word)
```