

## ▼ # Iteration

```
1 import itertools
```

```
1 for x, y in ((a,b) for a in ['A','B','C'] for b in [1,2,3]):  
2     print (x, y)
```

```
A 1  
A 2  
A 3  
B 1  
B 2  
B 3  
C 1  
C 2  
C 3
```

```
1 for x, y in itertools.product(['X','Y','Z'], [1,2,3]):  
2     print (x, y)
```

```
❏ X 1  
X 2  
X 3  
Y 1  
Y 2  
Y 3  
Z 1  
Z 2  
Z 3
```

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