

## python\_内置字符串

写程序时可能需要所有整数，所有字母等，无需自己新建list或字符串，python中自带这些字符串

```
import string
```

```
print(string.digits) #所有整数
```

```
print(string.ascii_letters) #所有小写及大写
```

```
print(string.ascii_lowercase) #所有小写
```

```
print(string.ascii_uppercase) #所有大写
```

```
print(string.punctuation) #所有特殊字符
```

```
D:\study\python\test\venv\Scripts\python.exe D:/study/python/test/dd.py
```

```
0123456789
```

```
abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ
```

```
abcdefghijklmnopqrstuvwxyz
```

```
ABCDEFGHIJKLMNOPQRSTUVWXYZ
```

```
!"#$%&'()*+,-./:;<=>?@[\\]^_`{|}~
```

例子：

```
import string
```

```
import random
```

```
print(random.sample(string.ascii_uppercase,4)) #大写字母中随机产生4个
```

```
print(random.sample(string.punctuation,8)) #所有特殊字符中随机产生8个
```

```
D:\study\python\test\venv\Scripts\python.exe D:/study/python/test/dd.py
```

```
['J', 'M', 'C', 'P']
```

```
['{', '"', '%', '&', '|', '^', '+', '#']
```