







```
scores = [72, 98, 80, 69, 85]
```

```
total = 0  
for score in scores:  
    total += score
```

total = `sum(scores)`

```
max_score = -math.inf  
for x in scores:  
    max_score = max(max_score, x)
```

max_score = `max(scores)`

```
has_pass = False  
for x in scores:  
    if x >= 60:  
        has_pass = True  
        break
```

has_pass = `any(x >= 60 for x in scores)`

```
all_pass = True  
for x in scores:  
    if x < 60:  
        all_pass = False  
        break
```

all_pass = `all(x >= 60 for x in scores)`

```
high_scores = []  
for x in scores:  
    if x >= 80:  
        high_scores.append(x)
```

high_scores = `filter(x >= 80, scores)`

用户编写的代码文件

Cython 源代码文件

foo.py/foo.pyx



Cythonize

Cython生成的文件

C 扩展文件

foo.c



Compile

C 扩展模块

foo.so

依赖的其他库文件(如有)

*.h文件



*.c文件



Compile

可被导入的已编译模块文件

更多集成

更慢

用户界面
测试

服务测试

单元测试

更多隔离

更快

