

6

Format Strings (for now)

```
print("Hi %s, you have %i texts"  
      % ("Sam", 6))
```

```
print("Hi %(name)s, you have  
      %(num)i texts"  
      % {'name': 'Sam', 'num': 6})
```

```
print("Hi {}, you have {} texts"  
      .format("Sam", 6))
```

```
print("Hi {name}, you have {num}  
texts".format(name="Sam", num=6))
```

Use Context Managers

```
f = open('path/to/file')
raw = f.read()
print(1/0)
f.close()
```

```
lock = threading.Lock()
lock.acquire()
try:
    print(1/0)
finally:
    lock.release()
```

```
with open('path/to/file') as f:
    raw = f.read()
    print(1/0)
```

```
with threading.Lock():
    print(1/0)
```