

Python 3 Type Hints

- ◆ You can include domain and range information

```
def odd(n : int) -> bool:  
    return n%2 != 0
```

- ◆ Consider the improvement in clarity
- ◆ Python 3.5+ includes sophisticated type definitions
- ◆ The **mypy** package can validate that the code is consistent with the type definitions

Doctest in the String

```
def odd(n: int) -> bool:  
    """True if n is odd
```

```
>>> odd(1)
```

```
True
```

```
>>> odd(42)
```

```
False
```

```
"""
```

```
    return n % 2 == 1
```

Use the following to test this:

```
python -m doctest your_module.py
```