

FROM ZERO TO HERO
PYTHON THE HARDWAY

PYTHON BASIC DATA TYPES

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POWERFUL PROGRAMMING LANGUAGE

EPISODE 02





INTEGERS

```
Shell

>>> print(10)
10
>>> print(123123123123123123123121212121212 + 1)
123123123123123123123121212121213
>>>
```

INTEGERS

>>>



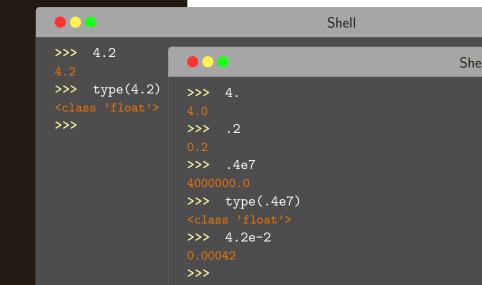


```
>>>
    print(0o10)
>>> print(0x10)
>>> print(0b10)
>>> type(10)
>>> type(0o10)
>>> type(0x10)
```

Shell

Prefix	Interpretation	Base
0b or 0B	Binary	2
0o or 00	Octal	8
0x or 0X	Hexadecimal	16

FLOATING POINTS



FLOATING • **POINTS**





Shell

>>> 1.79e308

>>> 1.8e308

>>> 5e-324

>>> 2e-324

COMPLEX • **NUMBERS**



Shell

```
>>> 2+3j
>>> type(2+3j)
>>>
```

STRINGS



Shell

```
>>> print("I am a string.")
>>> type("I am a string.")
>>> print('I am too.')
>>> type('I am too.')
>>> print('')
>>> type('')
>>>
```

STRINGS

```
Shell
>>> print('This string contains a single quote (')
character.')
>>> print("This string contains a single quote (')
character.")
>>> print('This string contains a double quote (")
character.')
>>>
```

