7/22/2021 02_Data_types

Basic Data-types

Topics covered

- int
- long
- float
- complex
- boolean

Three built-in data types in python to represent numbers:

- 1. int
- 2. float
- 3. complex

Integer

```
import sys
integer_number = 52
print (integer_number)
print (type(integer_number))
52
<class 'int'>
```

Long

```
import sys
print (sys.maxsize)
# long_number = 9223372036854775808
print (type(sys.maxsize))

9223372036854775807
```

Float

<class 'int'>

Defining Complex number

- complex(real,imag)
- j represent imaginary part
- both real and imaginary part are float numbers

Boolean

- True
- False
- and
- or
- not

False True