datatypes.md 2025-03-12

## Data types / Object types

- number: 1234, 3.14, 3+4j, 0b111, Decimal(), Fraction()
- String: 'spam', "Bob's", b'a\x01c', u'sp\xc4m'
- list: [1, [2,'three'], 4.5], list(range(10))
- tuple: (1, 'spam', 4, 'U'), tuple ('spam'), namedtuple
- Dictionary: {'food': 'spam', 'taste': 'yum'}, dict (hours=10)
- set : set('abc'), {'a', 'b','c'}
- File : open('eggs.txt'), open(r'C:\ham.bin', 'wb')
- Boolean : True, False
- None: None
- Functions, modules, classes
- Advance : Decorators, Generators, Iterators, MetaProgramming