

Forritunarmálið Python

Dagur 3

String formatting

- Old way
- *New way*
- Actual new way (format strings)

Functions

- Nested functions
- Anonymous functions

Functional programming

- `min, max, sum`
- `map, filter, all, any`
- `sorted`
- `functools`

Importing modules

- `import mod (as alias)`
- `from mod import fun/cls (as alias)`
- *All* python files are modules

itertools

- `cycle`
- `product`
- `permutations`
- `combinations`
- `groupby`

Assert

- assert statement
- two forms

Builtin numeric functions

- `int, float, bin, oct, hex`
- `abs, round`

Extra numeric types

- `fractions`
- `decimal`

collections

- `defaultdict`
- `Counter`

Meta

- `eval`
- `exec`
- `compile`