Dictionaries and Functions
Putting it all Together

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Python Dictionary
brief introduction

Initiation

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Multiple Keys/Nests

```
>>> system = dict(surface={}, cell={}, pin={}, universe={})
```

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Basics

```
def func_name(parameters)
        "function docstring"

        main_body

        return func_vars
```

Calling

```
func_vars = func_name(parameters)
```

- requieres *extract.py* and *l3_4g.i_res.m* (Aux folder on github)
- modifying *pull.py* (for printing, also in Aux)
- modifying *graph.py* (for graphing, also in Aux)

- Steam property functions - article download
- rough draft *water.py* (old attempt, found in Aux)