Cheat sheet: Sets and dictionaries

Dictionary (mutable, "ordered")
```
{}, {"key1": 9, 12: "hello"}, dict([...])
```

key: inmutable, unique
value: inmutable/mutable, non-unique

Dictionary operations
```
dd[key]              access value for key
dd[key] = value      set value for key
item in dd           has dict item as key?
dd.get(key, defval)  value for key or
                     defval if not found
del dd[key]          delete key (and value)
```

Iterating over dictionaries
```
for key in dd:
for value in dd.values():
for key, value in dd.items():
```

Dictionary comprehension
```
{key: val for var in iterator if cond}
```

Set (mutable, unordered)
```
set(), {"test", 12, (1,2)}, set([...])
```

Set operations
```
ss.add(item)     add item to set
ss.remove(item)  remove item from set
item in ss       has set item?
```

Iterating over sets
```
for item in ss:
```

Set comprehension:
```
{item for var in iterator if cond}
```