cheatsheets I've written.

```
Lists
```

list[i:j] # returns list subset list[-1] # returns last element

list[:-1] # returns all but the last element

list[i:j] = otherlist # replace ith to jth element with o

# combine two list

list.reverse() # reverses the elements of the list in-p

zip(list1, list2) # returns list of tuples with n-th elem

",".join(list) # returns a string with list elements s

# sorts in-place, returns None # returns sorted copy of list

# returns and removes last element from

# returns and removes i-th element from # removes the first item from the list w

# remove duplicate elements from a list

list = []

list[i] = val

del list[i:j]

list.pop()

list.pop(i)

set(list)

sum(list)

list.sort()

sorted(list)

Dict

list.remove(i) list1 + list2

list.count(item)

list.append(item)

list.extend(another\_list) list.insert(index, item)

```
Python
```

# CHEATSHEET FOR

- This is *Devhints.io cheatsheets* a collection of

- dict.keys() dict.values() "key" in dict # let's say this returns False, then... dict["key"] # ...this raises KeyError
- dict.get("key") # ...this returns None dict.setdefault("key", 1) **Iteration**
- for item in ["a", "b", "c"]: for i in range(4, 8): # 4 to 7 for i in range(1, 9, 2): # 1, 3, 5, 7 for key, val in dict.items(): for index, item in enumerate(list):

## string.replace("-", " ") ",".join(list) "hi {0}".format('j') str.find(",")

str.count(",") str.split(",")

str.lower() str.upper() str.title()

**String** 

str[0:4] len(str)

```
str.lstrip()
str.rstrip()
str.strip()
str.islower()
Casting
```

str.index(",") # same, but raises IndexError

# [fn(i) for i in list] map(fn, list)

'string'.encode()

Comprehensions

int(str) float(str) str(int) str(float)

```
filter(fn, list)
                                # .filter, returns iterat
[fn(i) for i in list if i > 0]
                               # .filter.map
Regex
```

# .map

# .map, returns iterator

## import re re.match(r'^[aeiou]', str) re.sub(r'^[aeiou]', '?', str) $re.sub(r'(xyz)', r'\1', str)$

expr = re.compile(r'^...\$')

expr.match(...) expr.sub(...)

Devhints.io cheatsheets is a collection of

cheatsheets I've written over the years. Suggestions and corrections? Send them in. I'm Rico Sta. Cruz.

Check out my Today I learned blog for more.

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