

Day 6

= called assignment operator

```
print("3"+"4") = 34
```

```
print(4**2) = 16
```

Day 10

```
total = 0
```

set = {} --> sets can't have duplicates

set.add() --> add element

set.remove() - remove element

set.update(set2) --> adds from another set

set.union(set2) - combines 2 sets without dup

set.intersection(set2) --> finds dups

For Loop Names

```
names = ['Bob', 'Kat', 'Ray']
```

```
for each_name in names:
```

```
\tab print( each_name)
```

```
-----
```

```
Rob
```

```
Kat
```

```
Ray
```

Day 7

len(name) --> # of char

name.capitalize() --> cap first letter

name.title() --> cap first each word

name.upper() --> entire string cap

name.strip() --> removes lead/trail space

name.replace(",") --> 'with what' 'replacing'

input() --> user input

name = "Mary", name[0:3] = Mar

Day 11

dictionary = {'name': 'Mary'} --> key/value pairs

```
print(dictionary['name']) = Mary
```

dictionary['age'] = 21 --> adds a new key/value pair to exist dic

list.append(dictionary) --> add dictionaries to list

dictionary.pop(' ') --> remove a key/value

Function Multiple Paramater

```
def welcom(name, greeting):
```

```
\tab print( f'Hey, {name}.
```

```
{greet ing}.'
```

```
welcom e('Liz, 'How\ 's it?')
```

```
-----
```

```
Hey, Liz. How's it?
```

Day 8

phrase.partition() = splits into three parts of ""

phrase.split(' ') = splits into as many words

tuple = () --> can't be changed

list = [] --> modified

list --> tuple name = list(tuple)

name.append() = adds to end of list

name.remove() = removes from list

number = 2.3211 --> print(f'{number:.2f}') = 12.32

Day 14

```
def hello():
```

```
\tab print( "hi")
```

```
hello()
```

```
-----
```

```
hi
```

Day 14

```
def hello():
```

```
\tabprint( "hi")
```

```
hello()
```

```
-----
```

```
hi
```

Day 9

range(5) --> 5 char --> 1,2,3,4,5

range(1,6) --> 5 char --> 1,2,3,4,5

range(1,7,2) --> 1,3,5

range(6,0,-1) --> 6,5,3,3,2,1

i = index/everything

\t = adds a tab before text



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Not published yet.

Last updated 24th October, 2024.

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