*Tags: Variable Naming, Assignment Operators, Print

Intro

#Variables are like labels for values

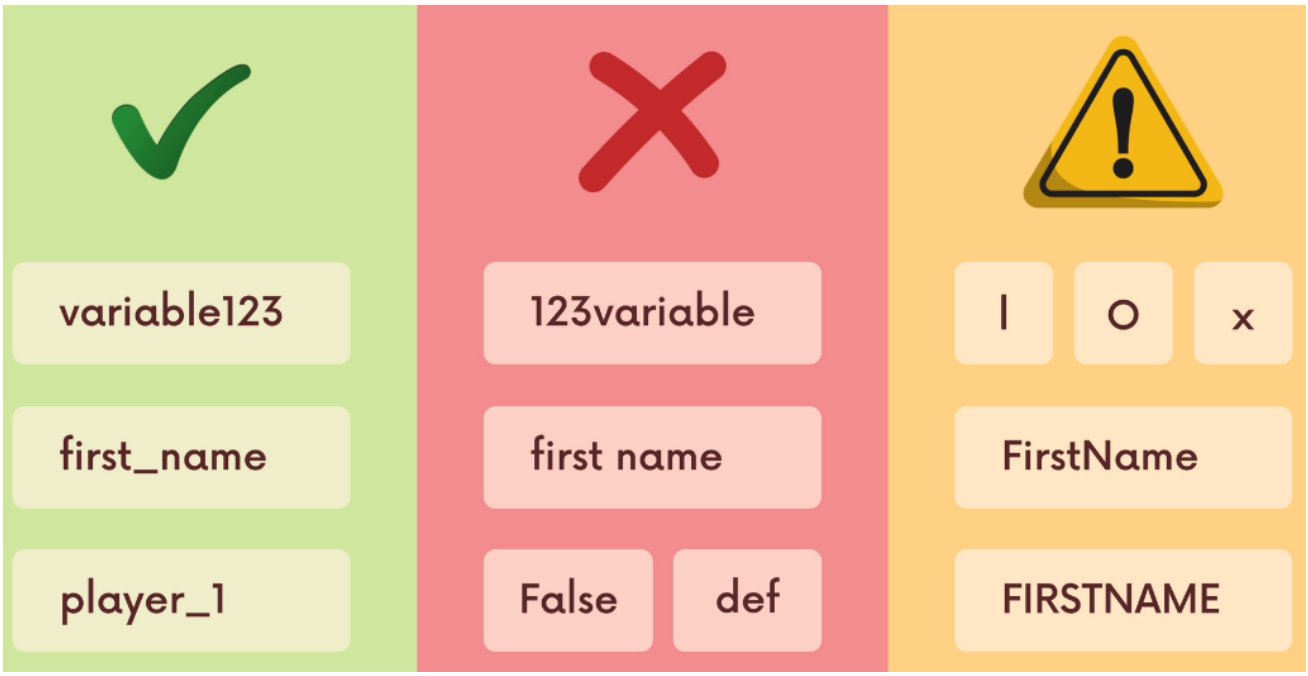
- we can store a value and give it a name so that we can:
  - refer back to it later
  - use that value
  - change it later on

```
age = 104
age + 1
105

score = 500
score
500

score = score * 3
score
1500
```

Variable Naming

- can't use name that is a Python keyword

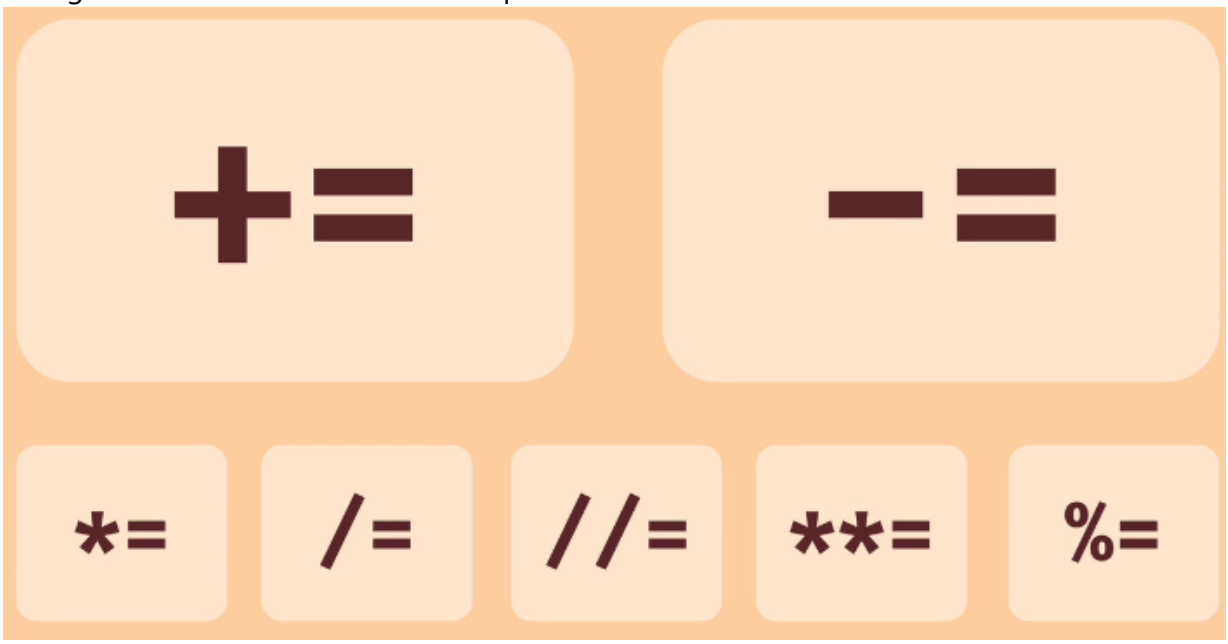
```
help("keywords")
```



Assignment Operators

#Operators

- operator followed by an = sign
- changes variable to new value after equation



Print() Function

#Functions

prints out any values we pass to it to "standard output", it does not return anything

```
print("hello")
```

Exercise - Magic Trick

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# Create a variable called secret_num and set it to any number you'd like:

secret_num = 13


# Increase secret_num by 1

secret_num += 1


# Next, take the new number and double it

secret_num *= 2


# Next, take the new number and add four to it

secret_num += 4


# Next, take the new number and divide by two

secret_num /= 2


# Next, take the new number and subtract your original secret number from it

secret_num -= 13


# Print the final result

print(secret_num)


# To see my magical prediction, scroll down...
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# DID YOU SEE 3 PRINTED OUT???
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