



PAWVASCRIPT

JavaScript, but less symbols & more dogs

GOOD DOGS ONLY!



CMSI 488: *Language Translation and Implementation*

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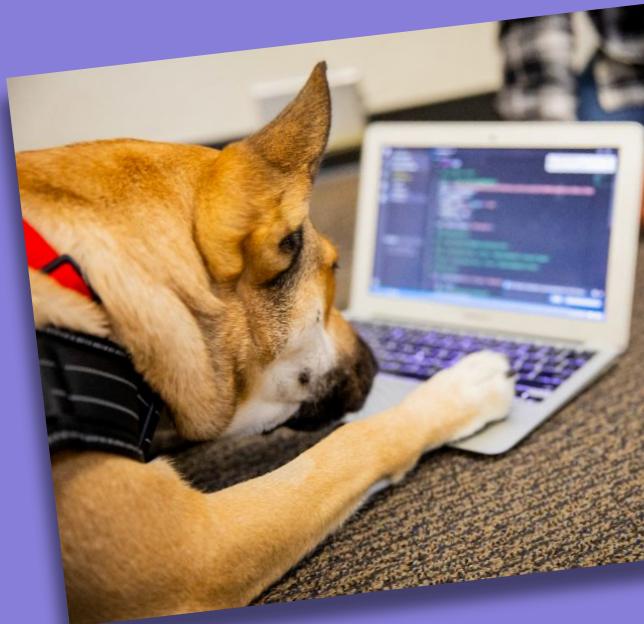
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WELL WHAT THE HECK IS HECKIN PAWWASCRIPT?

AN ~~OBJECT~~ DOGJECT-ORIENTED SCRIPTING LANGUAGE SO
FRIENDLY, YOUR DOG COULD LEARN IT (PROBABLY).

- fundamentals from **JavaScript**
- replaces confusing symbols with **(dog-friendly) readable terms**
- adds types (like TypeScript) to help with ~~debugging~~ debarking
- + throws in some **pawsitively awesome** dog-related keywords just for tail wags



HOWZA GOOD BOY?

A VERY BRIEF OVERVIEW OF SOME COOL HECKIN FEATURES

EVEN GOOD BOYS DON'T HAVE THAT LONG OF AN ATTENTION SPAN. OH, HECK.

- static typing
- 5 basic types
- 5 kinds of loops
- string and list operations
- tricks = functions
- chain-able conditional statements
- breeds = classes

Lawful Good	Neutral Good	Chaotic Good
Lawful Neutral	True Neutral	Chaotic Neutral
Lawful Evil	Neutral Evil	Chaotic Evil



TYPES



leash → string



goodBoy → boolean



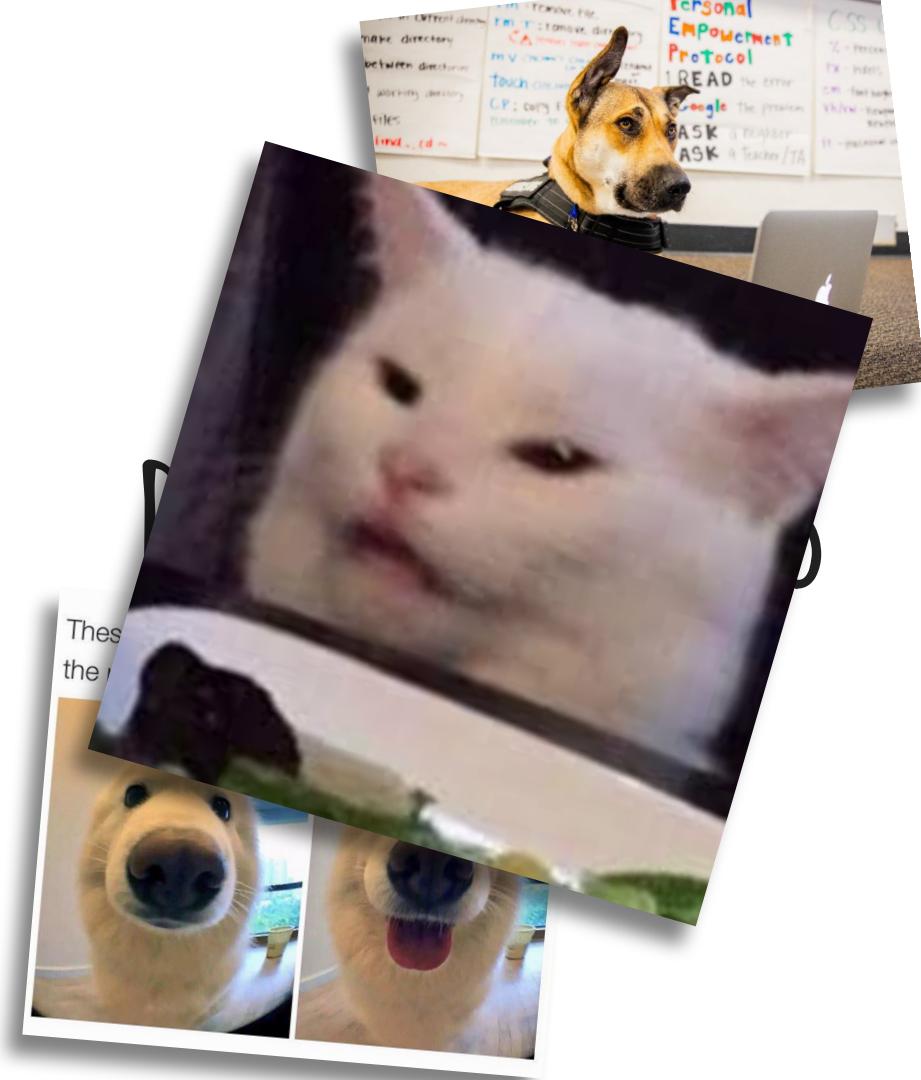
toeBean → number



pack → list



kennel → dictionary



in CURRENT directory
make directory
between directories
working directory
files
find . -cd ~

Transfer file.
rm -r remove directory
CA - change current directory
mv - move file
Touch command
cp - copy file
Runaway - run away
1 READ the entire
Google The Internet
ASK A TEACHER
ASK a Teacher/TA

CSS
% - percent
px - pixels
em - font size
vhvw - viewport
vw - percentage

goodBoy isGoodBoy is good;

toeBeans CeCeAge is 1.5;

leash aVeryBadDog is cat;

PEANUT BUTTER, PACKS, LEASHES, AND MORE

```
pack ceceAndFriends is ["CeCe", "Buster"];
```

```
pack allDogs is [peanutButter ceceAndFriends, "Dumpling"];
```

```
pack noBoysAllowed is ceceAndFriends without "Buster";  
leash ceceStillLovesBusterTho is "CeCe loves " with "Buster";
```





LOOPS,
POOP, AND WALKIES

```
chase: ...
```

```
chase 5 time
```

```
chase elemen
```

```
chase while
```

```
chase toeBeans i is 0 b,
```

```
ssThan 10: ...
```



```
chase dogger through myPack:  
if dogger equals cat then:  
    poop;  
else if dogger equals "CeCe" then:  
    walkies;  
tail;  
woof dogger;  
tail
```

- **woof** = normal
- **bark** = all caps
- **howl** = throw error

```
woof "I'm hungry";
```

```
>>> "I'm hungry"
```

```
bark "There's another dog!";
```

```
>>> "THERE'S ANOTHER DOG!"
```

```
howl "My owner is gone!!!";
```

```
>>> ERROR: My owner is gone!!!
```

PRINT STATEMENTS

(WITH VARYING DEGREES OF "OH HECK")



TRICKS, PARAMETERS, RETURNS

```
trick praise chews[leash:name] fetches leash:  
    give "Good job, ![name]";  
tail
```

```
praise("CeCe");
```



BREEDS



breed Owner is:
leash name;
goodBoy hasDog is good;
trick Owner chews[leash:name] fetches Owner;
trick callDog:

woof "Here Fluffy Boy!";
tail
tail

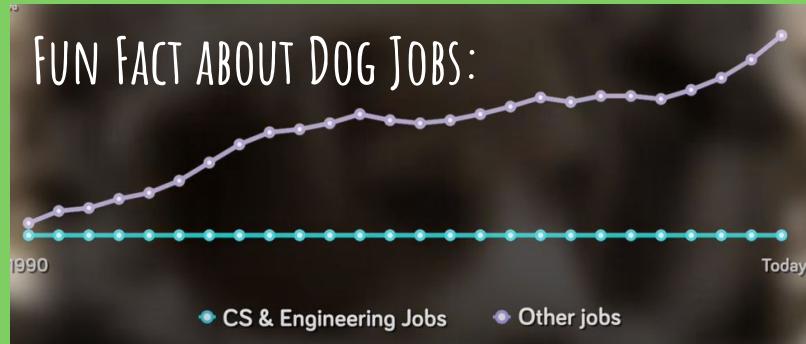
Owner njoob is Owner("lucille");
njoob's callDog();



CONSTRUCTOR: CHEW LEASH[NAME] AND FETCH OWNER -- VOILA! DOGGO MOMMO

IN SUMMARY: *good dogs only!!!*

PAWVASCRIPT = JAVASCRIPT, BUT DOGS (AND STATIC TYPING)



- CANINES CONSTITUTE 0% OF COMPUTER SCIENCE AND ENGINEERING FIELDS
- 100% OF EMPLOYED CANINES ARE IN BLUE-COLLAR JOBS

THANK YOU!

SPECIAL THANKS TO DR.
TOAL FOR BEARING WITH OUR
RIDICULOUSNESS AND FOR
ALL HIS GUIDANCE AND HELP

AND ALSO TO CeCe FOR BEING THE
LANGUAGE MASCOT

AND CeCe ALSO THANKS MASAO FOR THE PEANUT BUTTER

