

# **ANNOUNCEMENTS**

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❖ Quiz #3 today

# **FUNCTION PROTOTYPES**

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- ❖ What is a function prototype?

# COMPOUND ASSIGNMENT OPERATORS

❖  $var += expr \rightarrow var = var + (expr)$

❖ Same principle for

$-=$     $*=$     $/=$     $\%=$

# PASSING DATA TO FUNCTIONS

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- ❖ How is an array passed to a function?
  - ❖ Example: PassReturnArrays.html
- ❖ Let's see a Memory Diagram.

# NULL AND UNDEFINED

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- ❖ null – indicates no value
- ❖ undefined
  - ❖ Value associated with uninitialized variables.
  - ❖ Value associated with object properties that do not exist.
- ❖ == considers null and undefined equal
- ❖ === considers null and undefined different



# **SWITCH STATEMENT**

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- ❖ Type of conditional statement
- ❖ **Example:** Switch.html

# **TOP-DOWN DESIGN**

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- ❖ What is Top-Down Design?
- ❖ Let's go over an example
  - ❖ Video Store Software
- ❖ Bottom-Up Design