

Go over MaxHeight.m made last class
- fix it

go over
anonymous
functions



Start on scope Debug.m

- talk about whats wrong with it

Go over scope Debug Finished.m

- talk about how it works
- talk about global vs local variables and variable scope

I show variable scope by using debugger

↳ show them how
to use

Start HW5

How to publish function (can specify inputs)

Scope Debug.m

- have something already in workspace, run section oops forgot clear
- explain why I made angle a variable

show them good/bad example

HELP TEXT LINES ARE VERY IMPORTANT:

When someone types in Help function, they are displayed

show w/ debugger

Local vs Global Variables:

All variables in a function file are local. That means the variables are recognized and defined ONLY inside the function file

⇒ functions can use var names same as workspace without overwriting them!

When saving functions, you should use a name identical to the function name

→ this way when the function is called by using the function name.

If the file is a diff name, that must be used to call function

ex) hmax.m

You use the same way as a built in function

Nesting

HW5 - special matrix problem. Work on in class

you can nest loops in loops or conditionals
in loops or conditionals in conditionals

Sketching is key!

ex) BAC_calc

while compare == true

⋮

for i = 2 : length(n)

if n(i) ~= 0

bac(i) = ...

else

bac(i) = ...

end

end