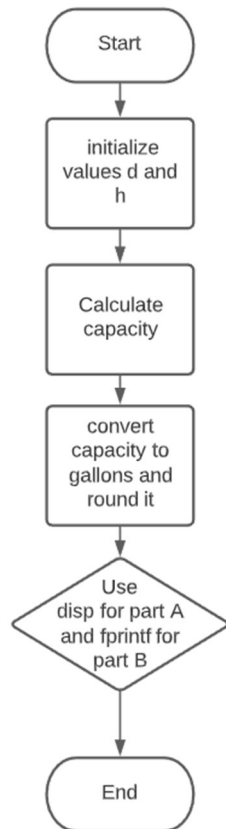


Task 1:

Questions:

- 1) MATLAB does not have an integer division so the `//` function produces an error in MATLAB
- 2) In MATLAB equation 6 produces the expected answer, but the carrot does not work in python with the given numbers
- 3) The variable `i` can be used in MATLAB, and it works for complex numbers when `i` is unassigned.
- 4) In MATLAB the percent sign is used to comment. There is a `mod` function in MATLAB that replaces the modulus percent sign in MATLAB
- 5) Natural log in MATLAB is called with the `log` function (`log(x)`). The value `e` is called using `exp(1)` because the `exp` function acts as `e` to the power of `x`.

Task 2:



Task 3:

sin

- 1) X
- 2) No
- 3) Radians

4) Return sine of X in radians

exp

- 1) X
- 2) No
- 3) No
- 4) Return e^X

mod

- 1) x,y
- 2) The inputs x and y must be real and have compatible sizes
- 3) No
- 4) Return modulus after division.

sqrt

- 1) X
- 2) No
- 3) No
- 4) Return square root of X

abs

- 1) X
- 2) No
- 3) No
- 4) Return absolute value of X

pi

- 1) No
- 2) No
- 3) No
- 4) Holds value of pi

;

- 1) No
- 2) No
- 3) No
- 4) Suppress output to console

clc

- 1) No
- 2) No
- 3) No
- 4) Clear command window

clear

- 1) No
- 2) No
- 3) No

- 4) Clear variables and functions from memory

whos

- 1) No
- 2) No
- 3) No
- 4) List current variables, long form

what

- 1) No
- 2) No
- 3) No
- 4) List MATLAB-specific files in directory

why

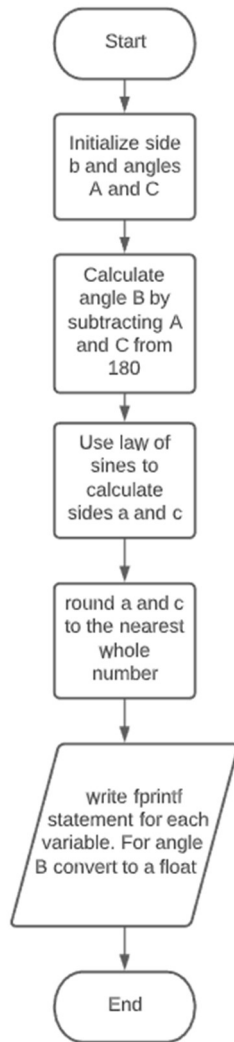
- 1) N
- 2) No
- 3) No
- 4) Return succinct answers to almost any question

ans

- 1) No
- 2) No
- 3) No
- 4) Return most recent answer

fprinf can use formatting to output a string. disp outputs a given array (including strings) without other info about the array.

Task 4:



Task 5:

