Cole Matthews
Assignment 1

1. -Is paper flat^2?
   - If FALSE, then get a new piece of paper.
   - If TRUE, then fold the top left two corners in towards the center of the paper until they touch. End Branch
- Make a single fold down the center of the paper lengthwise.
- Fold the two flaps of paper visible from the outside down in opposing directions.
- End

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2. Component 1: Start/Stop
If the 13-year-old doesn't know when to start and stop mating the scrambled eggs they won't ever be able to finish.

Component 2: Defining "scrambling" and "frying"
If the 13-year-old doesn't know what "frying" and "scrambling" mean they could never complete the task.

Component 3: A loop for flipping the eggs in the pan.
The 13-year-old needs to know when to flip the eggs in the frying pan in order to properly mate eggs.

Component 4: Clear formatting
The Pshedocode needs to have clear formatting to ensure the 13-year-old does not get confused.

Component 5: Free of spelling errors
Spelling errors might confuse the 13-year-old.

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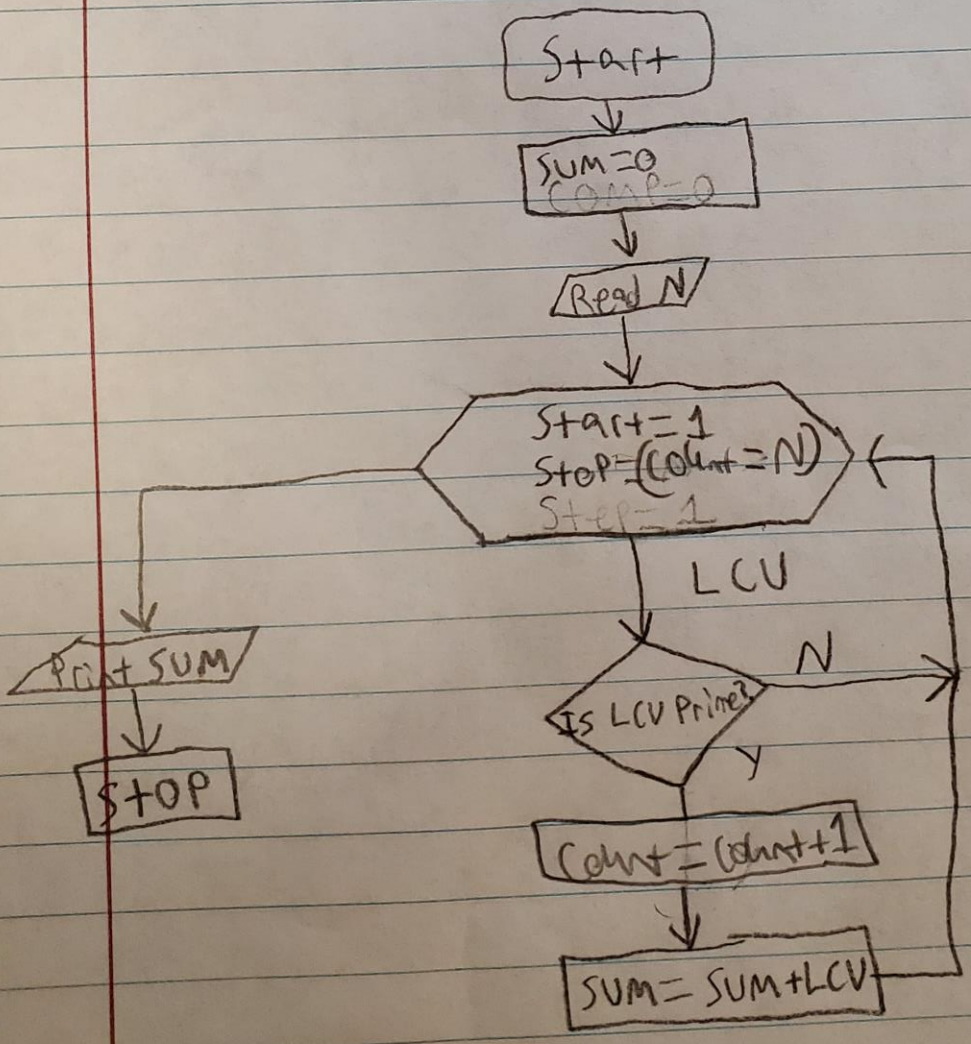
3. - Speling error in "Shof." Should say "Stop."
- Not adjustable for a different number other than 100
- Flowchart never adds anything. It just sets the SUM equal to the LCV.
- "Print sum" should be capitalized to "Print SUM"
- SUM is initially set equal to 1, not 0.
- "Yes" and "No" decision outputs are not marked.
- No arrow head going from loop to Print block.



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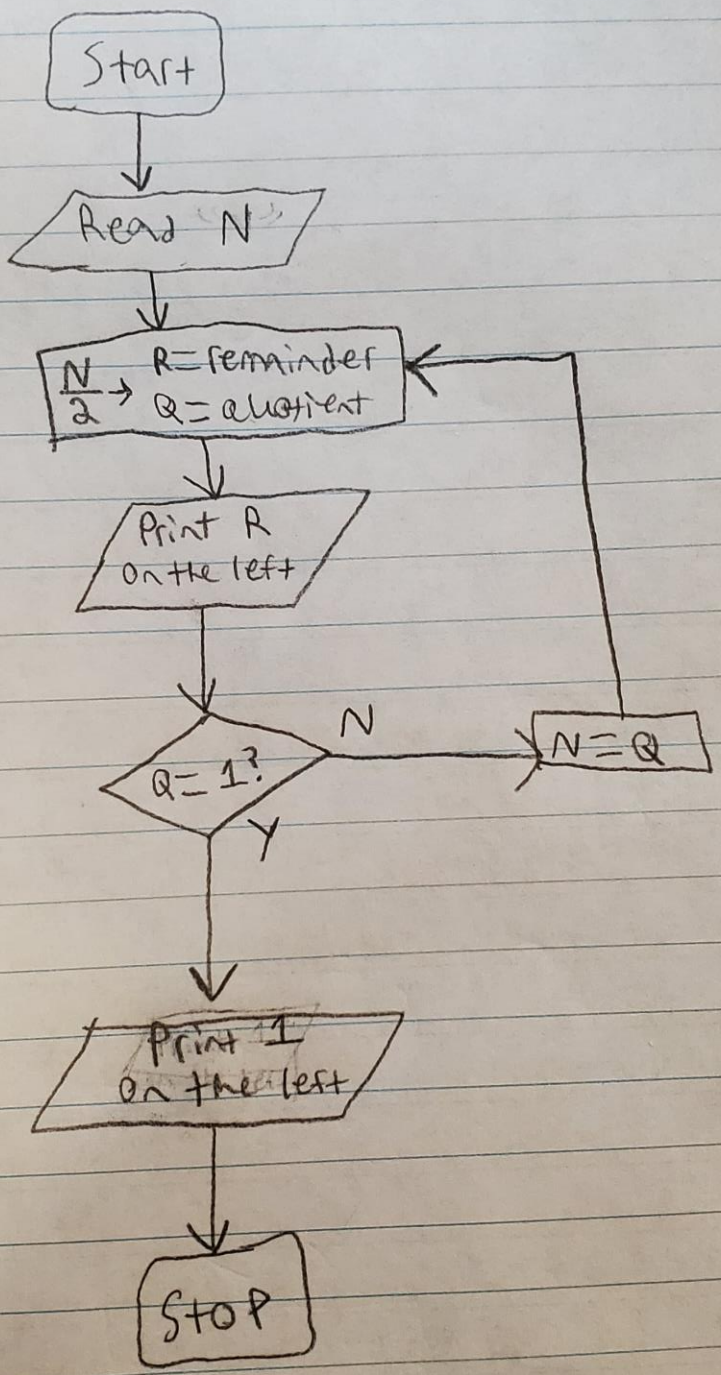
9.



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(5.) The following flowchart determines if a number is positive, and outputs a binary value.
If the given number R is negative, the flowchart will output −1.
If the given number R is positive, the flowchart will output 0.