

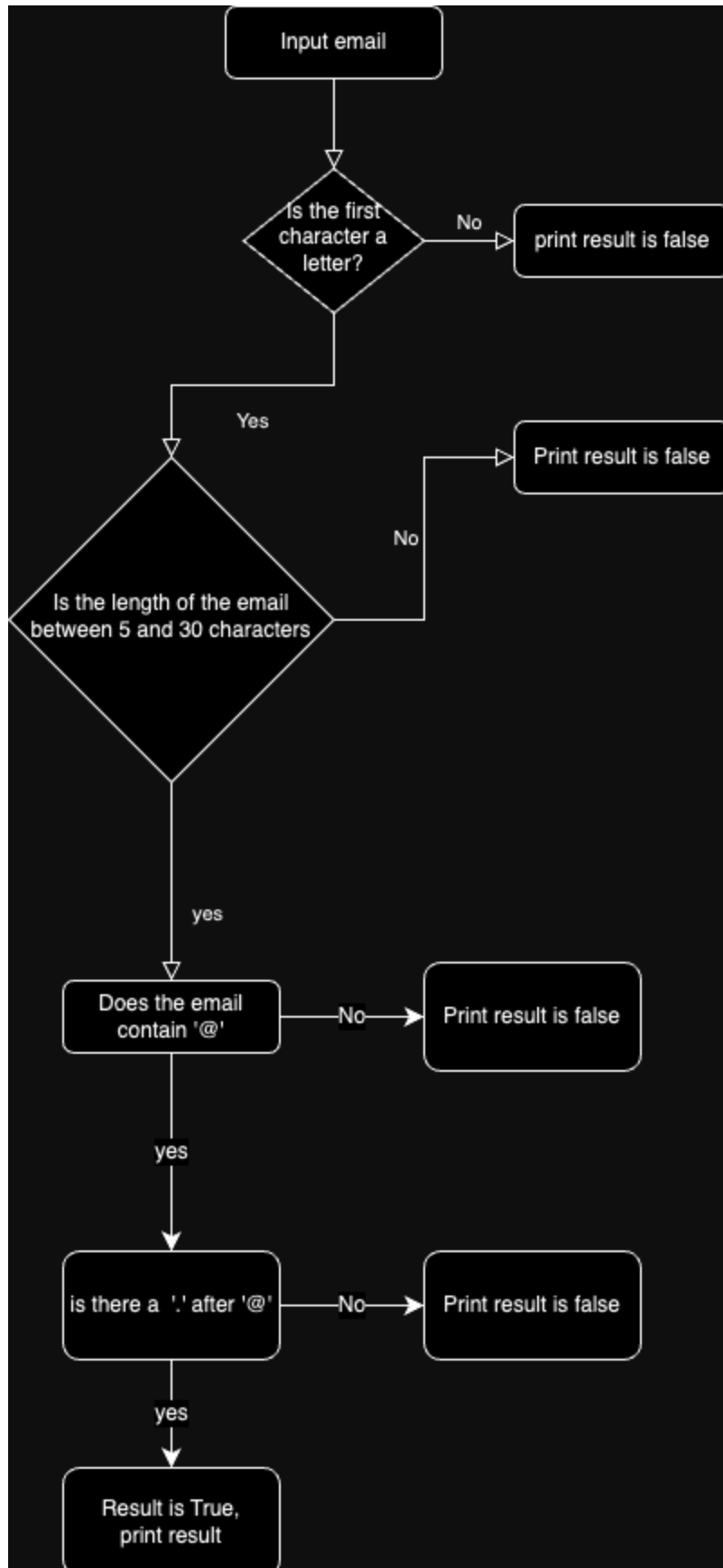
Programming Assignment 2-1

1. Input and Output.

- Input: a example email
- Output: True or false, if the email passes all the requirements.

2. Variables

- email: user input
- result: is true to begin with, though changes to false if any of the statements are false.
- int total: the total number of students



3. Errors and Lessons

- Correct syntaxes
 - I was using `.isalpha()`: but the code wasn't recognizing the command
 - Fix: I had to put the variable email with `[0]` for it to signify that the first letter of the email is part of the alphabet.
- Not understanding how to use `at_index`
 - I had to give `at_index` a definition by making it equal to `email.index('@')`. This itself was hard for me to understand since it just didn't make sense in my head or I couldn't understand the reasoning.
Fix: search up youtube videos explaining and displaying examples.
- Also not understanding how to use `len()`
- Fix: through trial and error I realized It was way simpler than I made it to be. All I had to do was input the variable in the `()` and then give the requirement.
- Lessons:
 - I learned that I need more practice with these more complex functions. I keep struggling to input my idea into code but that is because I don't have the right function in mind or I just overcomplicate what actually has to be done. An example would be not even knowing what the `at_index` function was, therefore I had to do research to discover what its purpose was and that let me finish the code easily.