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CS 7

12 February 2023

### Quiz Question 4

#### 1. Problem Definition

- a. The purpose of this program is to for the user to input as mant string values as they want, then input stop when done. Once the user has stopped the inputs. The program will find the shortest and the longest string value from all the inputs.  
Then it will print those inputs

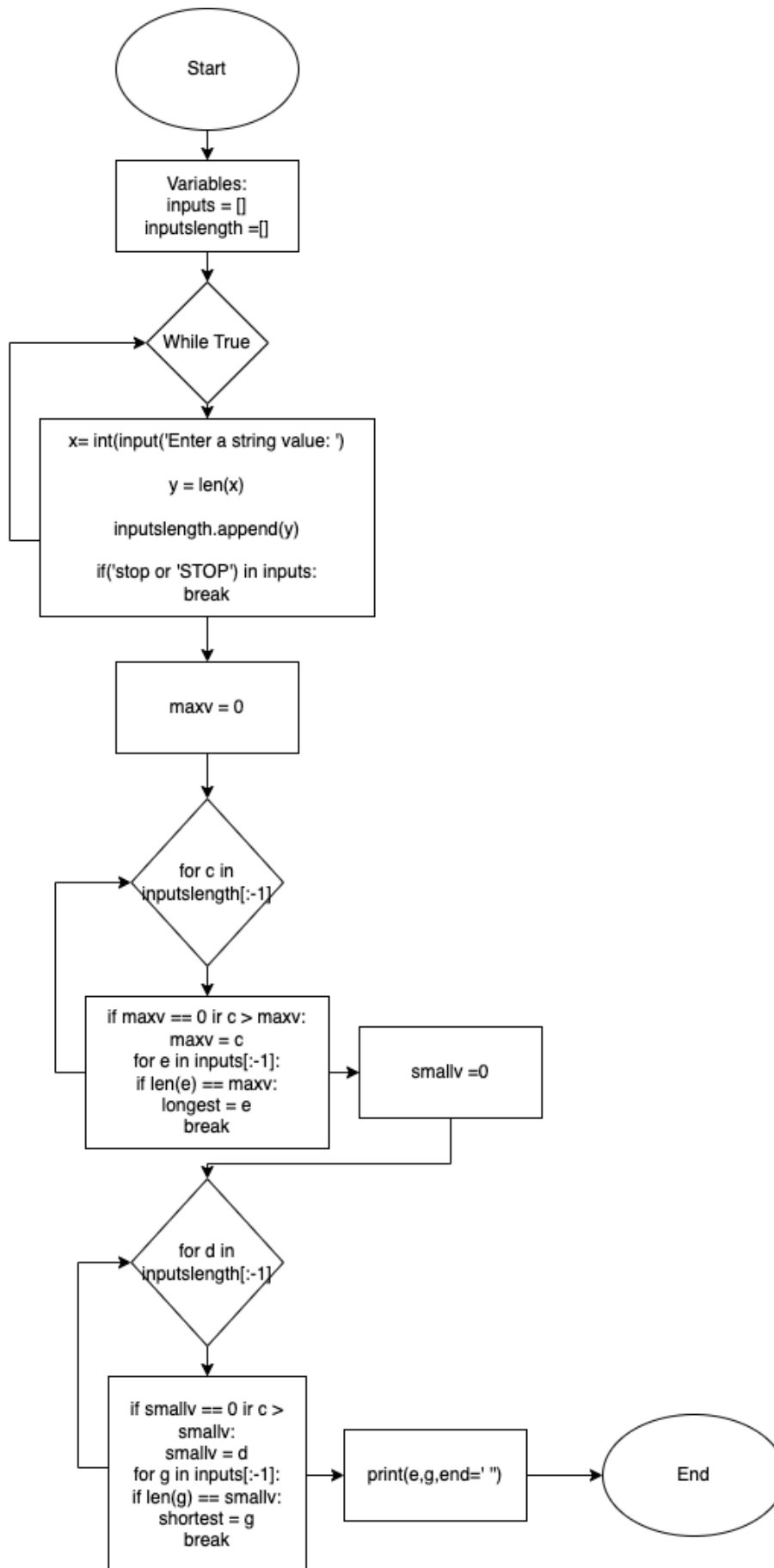
#### 2. Input and Output

- a. **Input:** String values
- b. **Output:** The shortest and longest string value.

#### 3. Variables

- a. **inputs** = a list of the user inputs  
**inputslength** = a list of the length of all the user inputs

## 4. Flow Chart



5. Lessons and Errors

- a. **Error:** No errors experienced while writing this code.
- b. **Lessons:**
  - i. I learned how to use nested for loops to trace back what the longest value in the list was according to the list of the length of each input.