

Programming Assignment 4-1

1. Problem Definition

Find the consecutive letters from 'start' to 'end' given by the user.

2. Input & Output

Input:

start: A single alphabetic character input by the user to represent the starting letter.

end: A single alphabetic character input by the user to represent the ending letter.

Output:

Error messages: "input not valid" (print if the input is invalid)

result: A list of characters from the starting letter to the ending letter.

3. Variables

result: A list of characters from the start letter to the end letter.

start: user's input for the starting letter

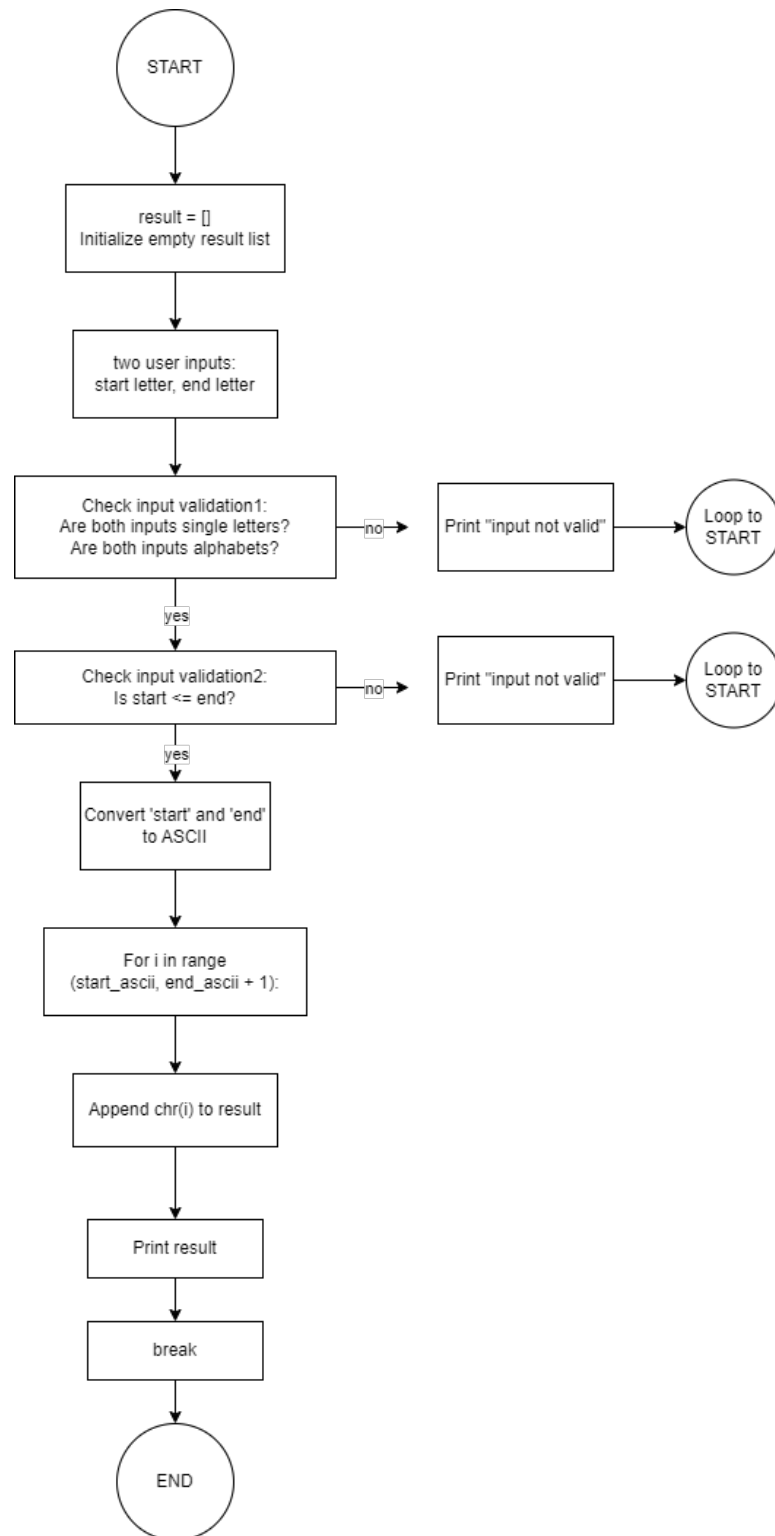
end: user's input for the ending letter.

start_ascii: An integer variable that stores the ASCII value of the start letter

end_ascii: An integer variable that stores the ASCII value of the end letter

i: The loop variable in the for loop. It represents each ASCII value in the range from start_ascii to end_ascii.

4. Flow Chart



5. Errors and how to fix

- error: typos

fix: I accidentally have the same statement in the different input

```
start = input('Enter the starting letter: ')
```

```
end = input('Enter the starting letter: ')
```

and led the loop indefinitely rotating and could not display any output.

As long as I found out the typo, the problem was fixed.