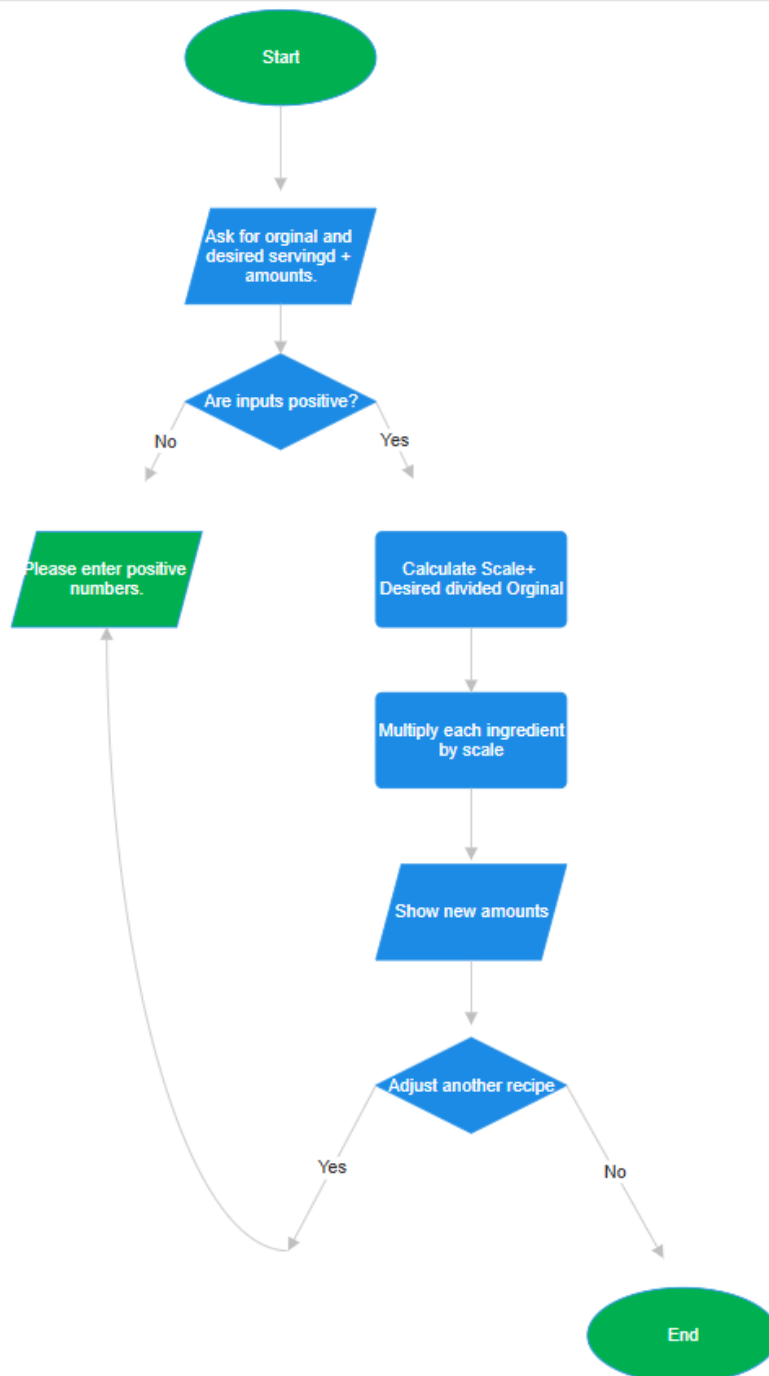


Chapter 3 Project

Program 1 – Ingredient Adjuster

Flowchart Design



Chapter 3 Project

Flow Description: The application lets users adjust the amounts of ingredients found in their recipes. to make a different number of servings. The recipe requires the user to start with the original serving size. desired servings, and ingredient amounts, then scale them accordingly.

Flow Steps:

1. Start Program
2. Ask for original recipe servings
3. Ask for desired servings
4. Ask for ingredient amounts (sugar, butter, flour)
5. Check if all inputs are positive numbers
6. If not, show "Please enter positive numbers" and ask again.
7. Calculate scale = desired / original
8. Multiply each ingredient by the scale
9. Show new ingredient amounts
10. Ask "Adjust another recipe?"
11. If yes, repeat; if no, end program
12. End Program