Output “Welcome to your Calculator program”

Define add function for addition

Define sub function for subtraction

Define mul function for multiplication

Define div function for division

Create list to distinguish what type of math to use: addition, subtraction, multiplication, or division

Define variable to look for y or n and determine is user wants to keep going

While keep\_going != “n”

Output “Enter first number: “

Input num1

Output “What kind of calculation? Chose one of: +, -, \*, / ”)

Input choice

Output “Enter second number: ”)

Input num2

If choice == math list first value

Output num1, choice, num2, “=”, num1 + num2

Else if choice == math second value

Output num1, choice, num2, “=”, num1 - num2

Else if choice == math third value

Output num1, choice, num2, “=”, num1 \* num2

Else if choice == math fourth value

Output “num1, choice, num2,” “=”, num1 / num2

Else

Output “Invalid input”

Output “Calculate? y or n?”

Input keep\_going

Output “Closing the calculator.”

