

1.2.11

compose a program that in a function, asks for two positive integers and returns True if either evenly divides the other. The function should keep asking for entries if the wrong ones are entered. The result (boolean) should be displayed in the calling function.

Step 1: With a print statement, print a message to the user that says "Welcome"

Step 2: create a function named ask. This function will ask the user for two different numbers. Declare a variable named num_one, that will have the first guess the user inputted. Declare another variable named num_two, that will have the second guess the user inputted.

Step 3: within the function named ask, make sure to handle incorrect inputs if the user doesn't put a valid integer. If num_one is less than 1 or num_two is less than 1, print a statement "Please only input positive integers". Then, call the ask function again.

Step 4: For the last part of the function named ask, call the function named evenly_divides. Pass in the num_one and num_two variables.

Step 5: The evenly_divides function will check if the two numbers evenly divide each other using the modulo operator. If it does, it'll print out True. if num_one cleanly divides into num_two or num_two cleanly divides into num_one, then it will print True, and ask the user if they want to input new numbers. It will then save the user's input into a variable called ask_again. If ask_again is a 'y', then it will call the ask function again. Else, it will print "Thank you for using this tool. Goodbye". Lastly, if the numbers do not cleanly divide each other, it will print "num_one and num_two do not evenly divide each other. Try again". It will call the ask function again.

Step 6: Call the original func, Ask. This function serves as main in this program.