# Part 1

Text

Description automatically generated

I used the VisualStudio Debugger to debug and test the code. I first started off by running the code right away to see if it would work, and it did not work. I then went through each line of code to see if there were any errors and I found a few right away, namely the first function of sales\_tax that did not include a semicolon and there were also some indentation errors within it. Also within that same function was the syntax error in attempt to call the TAX variable, and the value being returned should be “sales\_tax” and not total, and I also changed “total” in the sales\_tax function to “price” so I wouldn’t get confused with the “total” variable within the “main” function.

# Part 2

Text

Description automatically generated

I again used the VisualStudio debugger and ran the code first, which after I input a number, came with an error in the calling of the play\_game function that had no argument within the parentheses (the variable limit should be in there). After that fix I went again in the debugger and the count variable was being added to by +1 for each wrong guess, but there was no starting value set to the count variable (I made one and set it to 0). I then noticed in the play\_game function itself that there was no ending else statement, so I moved guess == number into the elif and replaced elif with else. Also, the elif guess > number had an >= so that I could never actually guess the number, so I replaced >= with >. Also I added a count += 1 to the else statement at the end so it wouldn’t show “You guess it in 0 tries” and count your first guess as a guess itself