

Write the following code segments & then trace the loops and show the values of each variable in columns to the right margin.

1. Write a `FOR` loop that computes the sum of the integers from 1 to 100 and stores the sum in the variable `intSum`.

2. Write a `FOR` loop that adds the odd integers between 20 and 34 and stores the sum in the variable `intSum`.

3. Write a `FOR` loop that displays each number between 10 to 55 that is a multiple of 5 in a message box.

4. Write double-nested `FOR` loops where the outer loop iterates the variable `i` from 1 to 5 and the inner loop iterates from the variable `j` going from 1 to 7. Add a counter statement that counts the number of iterations of the inner loop.