

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

1. Write a `FOR` loop that adds the integers -6 through 5 and stores the sum in the variable `intSum`.

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

3. Write a `FOR` loop that displays each of the values in the sequence 24, 28, 32, 36, ..., 52 in a message box.

4. Write a `FOR` loop that computes the sum of the values in the sequence 1, 3, 6, 10, 15, 21, ..., 55 and stores that sum in the variable `intSum`. Hint: Use a variable as a `Step` value and increment that variable in the loop.