

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 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 sequences 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`.