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| **EX11-09.cpp:**  *Arbitrary Numbers of Arguments* |
| **Line#** | **Code** |
| 1234567891011121314151617181920 | #include <iostream>#include <cstdarg>using namespace std;static int Sum(int n, ...) { va\_list arguments; // A place to store the list of arguments int sum = 0; va\_start(arguments, n); // Initializing arguments to store all values after n for (int i = 0; i < n; i++) // Loop until all numbers are added sum += va\_arg(arguments, int); // Adds the next value in argument list to sum va\_end(arguments); // Cleans up the list return sum;}int main() { cout << Sum(3, 1, 2, 3) << endl; cout << Sum(2, 1, 2) << endl; cout << Sum(10, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10) << endl; return 0;} |