```cpp
// This program writes three rows of numbers to a file.
#include<iostream>
#include<fstream>
#include<iomanip>
using namespace std;

int main()
{
    const int ROWS = 3;            // Rows to write
    const int COLS = 3;            // Columns to write
    int nums[ROWS][COLS] = { 2897, 5, 837,
                              34, 7, 1623,
                                  390, 3456, 12 };
    fstream outFile("table.txt", ios::out);

    // Write the three rows of numbers with each
    // number in a field of 8 character spaces.
    for (int row = 0; row < ROWS; row++)
    {
        for (int col = 0; col < COLS; col++)
        {
            outFile << setw(8) << nums[row][col];
        }
        outFile << endl;
    }
    outFile.close();
    cout << "Done.\n";
    return 0;
}
```