```c
#include <stdio.h>

int main() {
    // Declare and initialize a 2D array named 'scores' with 2 rows and 2 columns
    int scores[2][2] = {
        {85, 90},  // First row: 85, 90
        {78, 92}   // Second row: 78, 92
    };

    // Print the elements of the 2D array using a nested for loop
    printf("Elements of the 'scores' array are:\n");

    for (int i = 0; i < 2; i++) {     // Loop through rows
        for (int j = 0; j < 2; j++) { // Loop through columns
            printf("scores[%d][%d] = %d\n", i, j, scores[i][j]);
        }
    }

    return 0;
}
```