```c
#include <stdio.h>

int main() {
    int rows, cols;
    int i, j;

    // Input matrix dimensions
    printf("Enter number of rows: ");
    scanf("%d", &rows);
    printf("Enter number of columns: ");
    scanf("%d", &cols);

    int matrix[100][100]; // assuming maximum size 100x100

    // Input matrix elements
    printf("Enter elements of the matrix:\n");
    for (i = 0; i < rows; i++) {
        for (j = 0; j < cols; j++) {
            printf("Element [%d][%d]: ", i, j);
            scanf("%d", &matrix[i][j]);
        }
    }

    // Initialize largest element as first element
    int largest = matrix[0][0];

    // Traverse the matrix to find the largest element
    for (i = 0; i < rows; i++) {
```

```c
    for (j = 0; j < cols; j++) {
        if (matrix[i][j] > largest) {
            largest = matrix[i][j];
        }
    }
}

// Output the largest element
printf("\nThe largest element in the matrix is: %d\n", largest);

return 0;
```

```
Enter number of rows: 2
Enter number of columns: 2
Enter elements of the matrix:
Element [0][0]: 2
Element [0][1]: 4
Element [1][0]: 5
Element [1][1]: 1


The largest element in the matrix is: 5



=== Code Execution Successful ===4
```