

Code

```
#include <stdio.h>

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

    printf("Enter number of rows and columns: ");
    scanf("%d %d", &rows, &cols);

    int matrix[rows][cols];

    printf("Enter elements of the matrix:\n");

    for(i = 0; i < rows; i++) {
        for(j = 0; j < cols; j++) {
            scanf("%d", &matrix[i][j]);
        }
    }

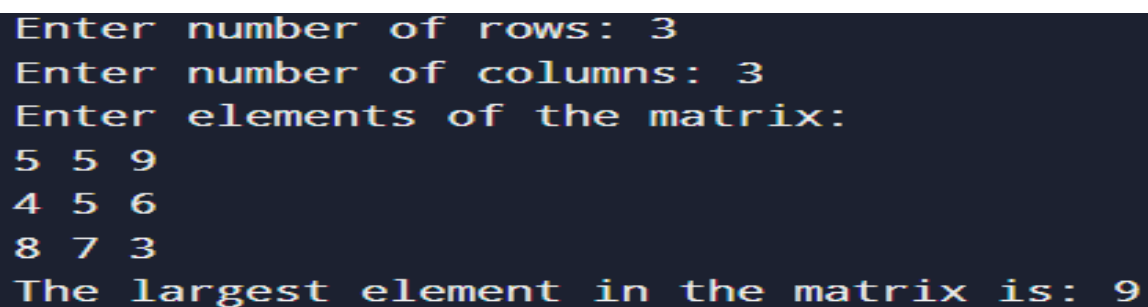
    largest = matrix[0][0];

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

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

    return 0;
}
```

Output

A screenshot of a terminal window showing the execution of the C program. The user enters 3 for rows and 3 for columns. Then, they enter the elements of the matrix row by row: 5 5 9, 4 5 6, and 8 7 3. Finally, the program outputs that the largest element in the matrix is 9.

```
Enter number of rows: 3
Enter number of columns: 3
Enter elements of the matrix:
5 5 9
4 5 6
8 7 3
The largest element in the matrix is: 9
```