

## problem.c

```
1  #include <stdio.h>
2
3  #define ROWS 100
4  #define COLS 100
5
6  int rowWithMaxOnes(int mat[ROWS][COLS], int n, int m) {
7      int max_row_index = -1;
8      int j = m - 1;
9
10     for (int i = 0; i < n; i++) {
11         while (j >= 0 && mat[i][j] == 1) {
12             j--;
13             max_row_index = i;
14         }
15     }
16
17     return max_row_index;
18 }
19
20 int main() {
21     int n, m;
22
23     printf("Enter the number of rows and columns: ");
24     scanf("%d %d", &n, &m);
25
26     int mat[ROWS][COLS];
27
28     printf("Enter the elements of the matrix (only 0s and 1s):\n");
29     for (int i = 0; i < n; i++) {
30         for (int j = 0; j < m; j++) {
31             scanf("%d", &mat[i][j]);
32         }
33     }
34
35     int result = rowWithMaxOnes(mat, n, m);
36
37     if (result != -1) {
38         printf("The row with the maximum number of 1s is: %d\n", result);
39     } else {
40         printf("No 1s found in the matrix.\n");
41     }
42
43     return 0;
44 }
45
46
```