Prob9. Given a binary **2D array, where each row is** sorted**. Find the row with the maximum number of 1s.**

Solve:

```
#include <stdio.h>


#define MAX_ROWS 100
#define MAX_COLS 100
int rowWithMaxOnes(int arr[MAX_ROWS][MAX_COLS], int n, int m) {
    int max_row_index = -1;
    int j = m - 1;
    for (int i = 0; i < n; i++) {
        while (j >= 0 && arr[i][j] == 1) {
            j--; // Move left
            if (max_ones < (m - j - 1)) {
                max_ones = m - j - 1;
                max_row_index = i;
            }
        }
    }

    return max_row_index;
}

int main() {
    int arr[MAX_ROWS][MAX_COLS] = {
        {0, 0, 1, 1},
        {0, 1, 1, 1},
        {1, 1, 1, 1},
        {0, 0, 0, 0}
```

```
    };
    int n = 4;
    int m = 4;
    int result = rowWithMaxOnes(arr, n, m);

    if (result != -1) {
        printf("Row with the maximum number of 1s is: %d\n", result);
    } else {
        printf("No rows found.\n");
    }

    return 0;
}
```