

Problem 9: Find the Row with a Maximum Number of 1's

Code:

```
#include <stdio.h>

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

    int matrix[100][100];
    printf("Enter the elements (0s and 1s only):\n");
    for(int i = 0; i < rows; i++) {
        for(int j = 0; j < cols; j++) {
            scanf("%d", &matrix[i][j]);
        }
    }

    int maxRow = 0;
    int maxCount = 0;
    for(int i = 0; i < rows; i++) {
        int count = 0;
        for(int j = 0; j < cols; j++) {
            if(matrix[i][j] == 1) {
                count++;
            }
        }
    }
```

```
    if(count > maxCount) {  
        maxCount = count;  
        maxRow = i;  
    }  
}  
  
printf("Row %d has the maximum number of 1's: %d 1's.\n", maxRow,  
maxCount);  
  
return 0;  
}
```