Problem:9

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

Ans:

Code:

```
#include <stdio.h>
int rowWithMax1s(int arr[][4], int rows, int cols) {
   int maxRowIndex = -1;
   int maxCount = 0;
   int j = cols - 1;
 for (int i = 0; i < rows; i++) {
      while (j >= 0 && arr[i][j] == 1) {
         j--;
         maxRowIndex = i;
      }
   }
 return maxRowIndex;
}
int main() {
   int arr[4][4] = {
      {0, 1, 1, 1},
      {0, 0, 1, 1},
      {1, 1, 1, 1},
      {0, 0, 0, 0}
   };
 int result = rowWithMax1s(arr, 4, 4);
   printf("Row with maximum number of 1s: %d\n", result);

   return 0;
}
```