SHOW MATRICES INPUT OUTPUT IN 2D ARRAY

#include <stdio.h>

int main() {

int rows, cols;

printf("Enter the number of rows: ");

scanf("%d", &rows);

printf("Enter the number of columns: ");

scanf("%d", &cols);

int matrix[rows][cols];

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

for(int i = 0; i < rows; i++) {

for(int j = 0; j < cols; j++) {

printf("Enter element [%d][%d]: ", i+1, j+1);

scanf("%d", &matrix[i][j]);

}

}

printf("\nThe entered matrix is:\n");

for(int i = 0; i < rows; i++) {

for(int j = 0; j < cols; j++) {

printf("%d ", matrix[i][j]);

}

printf("\n");

}

return 0;

}

