#include <stdio.h>

#include <stdlib.h>

int diagonalDifference(int \*\*arr, int n) {

int primaryDiagonalSum = 0, secondaryDiagonalSum = 0;

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

primaryDiagonalSum += arr[i][i];

secondaryDiagonalSum += arr[i][n - i - 1];

}

return abs(primaryDiagonalSum - secondaryDiagonalSum);

}

int main() {

int n;

scanf("%d", &n);

int \*\*arr = (int \*\*)malloc(n \* sizeof(int \*));

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

arr[i] = (int \*)malloc(n \* sizeof(int));

}

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

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

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

}

}

int result = diagonalDifference(arr, n);

printf("%d\n", result);

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

free(arr[i]);

}

free(arr);

return 0;

}