

```

#include <stdio.h>
#include <stdlib.h>

__global__ void isExecuted(int *a_d, int blockid, int threadid){
    if(blockIdx.x == blockid && threadIdx.x == threadid)
        *a_d = 1;
}

int main(){

    int a = 0, *a_d;

    cudaMalloc((void**) &a_d, sizeof(int));
    cudaMemcpy(a_d, &a, sizeof(int), cudaMemcpyHostToDevice);

    isExecuted<<<2,3>>>(a_d, 1, 1);

    cudaMemcpy(&a, a_d, sizeof(int), cudaMemcpyDeviceToHost);

    printf("a = %d\n", a);
    cudaFree(a_d);

}

```