Convert Minheap to Maxheap

```
#include <stdio.h>
#include <stdlib.h>
void swap(int heap[], int a, int b)
       int temp;
       temp = heap[a];
       heap[a] = heap[b];
       heap[b] = temp;
}
void MaxHeapify(int heap[], int index, int size)
       int left = 2*index + 1, right=2*index+2, greatest=index;
       greatest = (left<size && heap[left]>heap[index])? left: index;
       if (right < size && heap[right]>heap[greatest])
               greatest = right;
       if (greatest != index)
               swap(heap, index, greatest);
               MaxHeapify(heap, greatest, size);
       }
}
void convertToMaxHeap(int heap[], int size)
{
       for(int i=(size/2)-1; i >= 0; i--)
               MaxHeapify(heap, i, size);
}
void printMaxHeap(int heap[], int size)
{
       for(int i=0; i<size; i++)
               printf("%d\t", heap[i]);
}
int main()
       int *heap, size;
       printf("Enter size of the heap");
       scanf("%d", &size);
       printf("Enter elements to heap\n");
       for(int index = 0; index < size; index++)
               scanf("%d", &heap[index]);
       convertToMaxHeap(heap, size);
       printMaxHeap(heap, size);
       return 0;
}
```