HEAP SORT

In this Algorithm we first build the heap using the given elements.

We create a MaxHeap to sort the elements in ascending order.

Once the heap is created we swap the root node with the last node and delete the last node from the heap.

```
void heapSort(int arr[], int n)
{
    for(int i = n/2-1; i >= 0; i--)
        heapify(arr, n, i);
    for(int i = n-1; i >= 0; i--)
    {
        swap(arr[0], arr[i]);
        heapify(arr, i, 0);
    }
}
```