[Python heapq库的用法介绍\_Python碎片的博客-CSDN博客\_heapq python](https://blog.csdn.net/weixin_43790276/article/details/107741332)

import heapq

heapq使用的是小顶堆，如果元素是数组，默认以s[0]进行排序

**建堆(将数据转化为heap数据类型)**

heapq.heapify(array) #无返回值

print(array)

**添加元素**

heapq.heappush(heap,element)

**弹出堆顶**

heapq.heappop(heap)

**添加一个元素然后弹出堆顶**

heapq.heappushpop(heap,element)

**弹出栈顶然后添加一个元素**

heapq.heapreplace(heap,element)

**返回前N个最大值**

heapq.nlargest(n,heap)

**返回前N个最小值**

heapq.nsmallest(n,heap)

**合并数据并建堆**

C=heapq.merge(A,B) #返回一个迭代器

print(list(C))