public class MyHeap {  
 MyArrayList<T> list = new MyArrayList<T>();  
 public void add(T data){  
 list.add(data);  
 if(list.size() > 1) {  
 res = (list.size() - 1)/2;  
 Math.*ceil*(res) - 1;  
 }  
 }  
  
 public T removeRoot(){  
 swap(0, list.size() - 1);  
 list.remove(list.size() - 1);  
  
 return list.get(list.size() - 1);  
 }  
  
 public boolean remove(int index){  
 if (index >= list.size() || index < 0)  
 throw new IndexOutOfBoundsException("index should be positive and less than size");  
  
 swap(index, 0);  
 removeRoot();  
 return true;  
 }  
}