Pre-lab 8 questions  
Name:  
Cnet ID:  
Lab start time:  
1. What are the properties that define a heap?  
  
  
  
  
  
  
  
2. What functionality does a heap give up to obtain its performance guarantees?  
  
  
  
  
  
  
  
3. When implementing an abstract data type that is a container class, why is an iterator created rather than just letting a program write their own for loop that iterates through the structure?  
  
  
  
  
  
  
  
4. When implementing an abstract data type that is a container class, why do we use void pointers and function pointers?