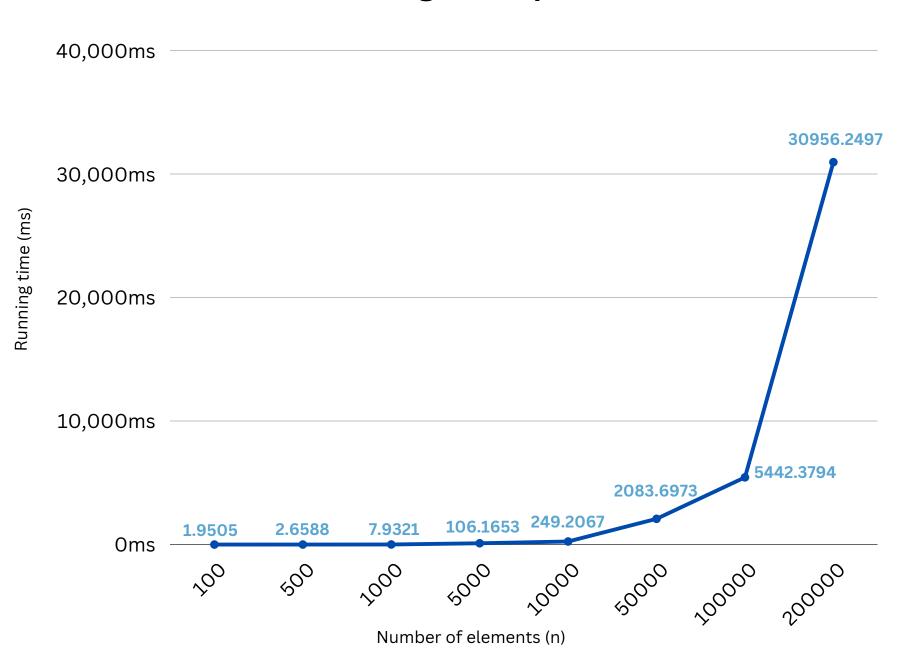
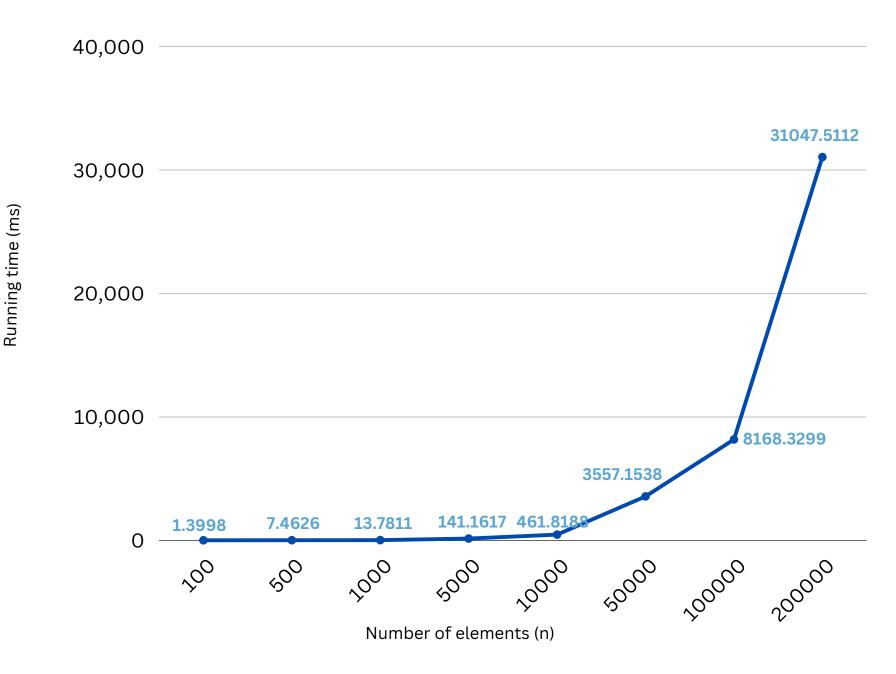
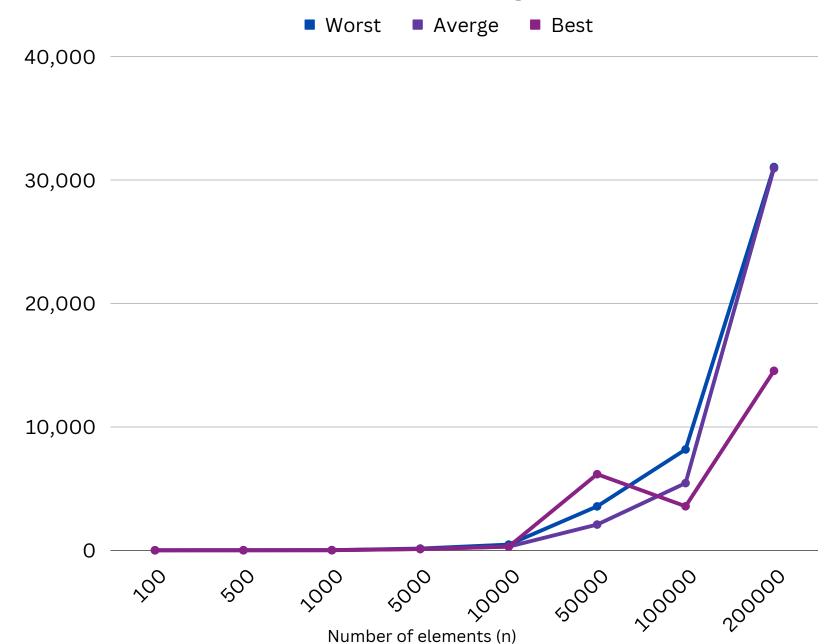


#### Insertion (average case practical time)



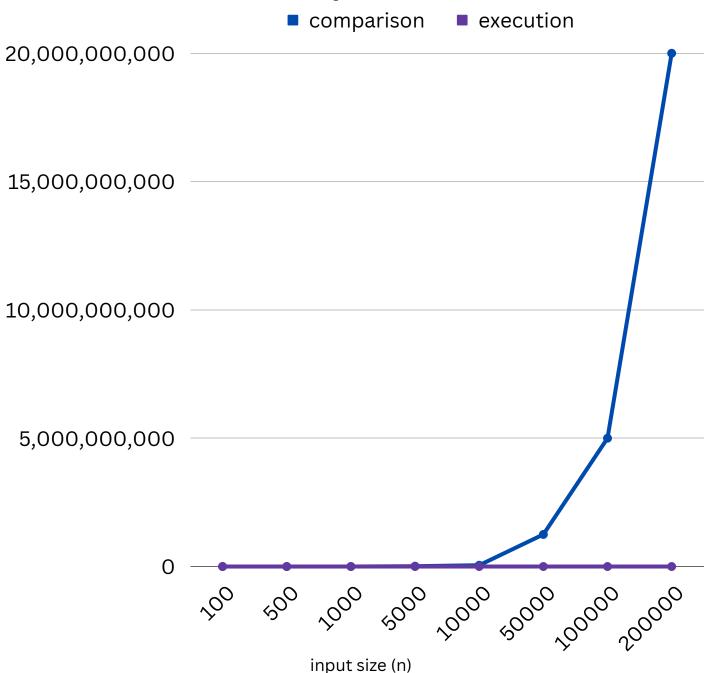


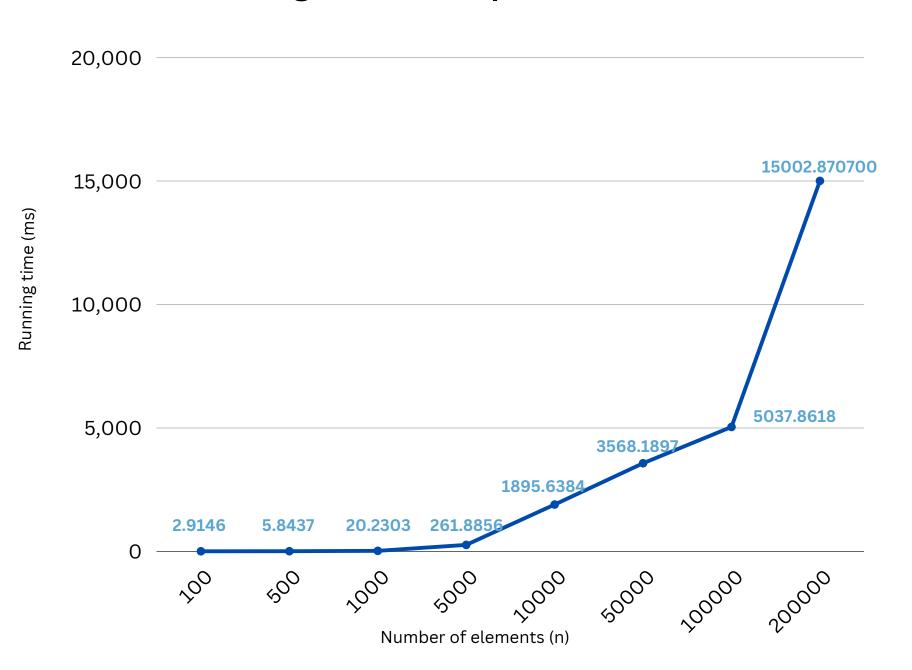
# Insertion (best & worst & average practical time)



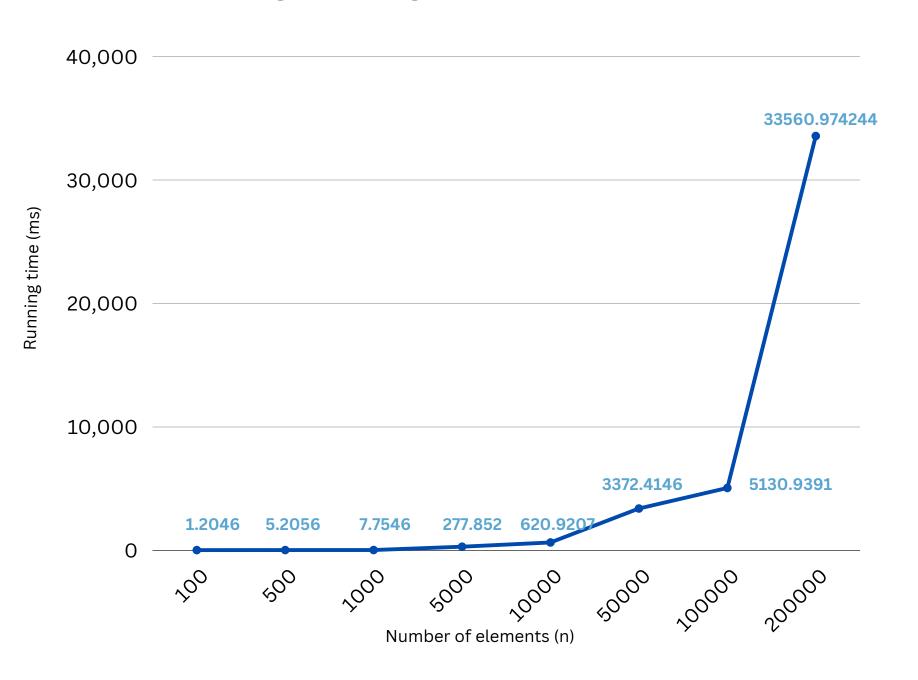
Running time (ms)

### **Number of comparisons (Insertion)**

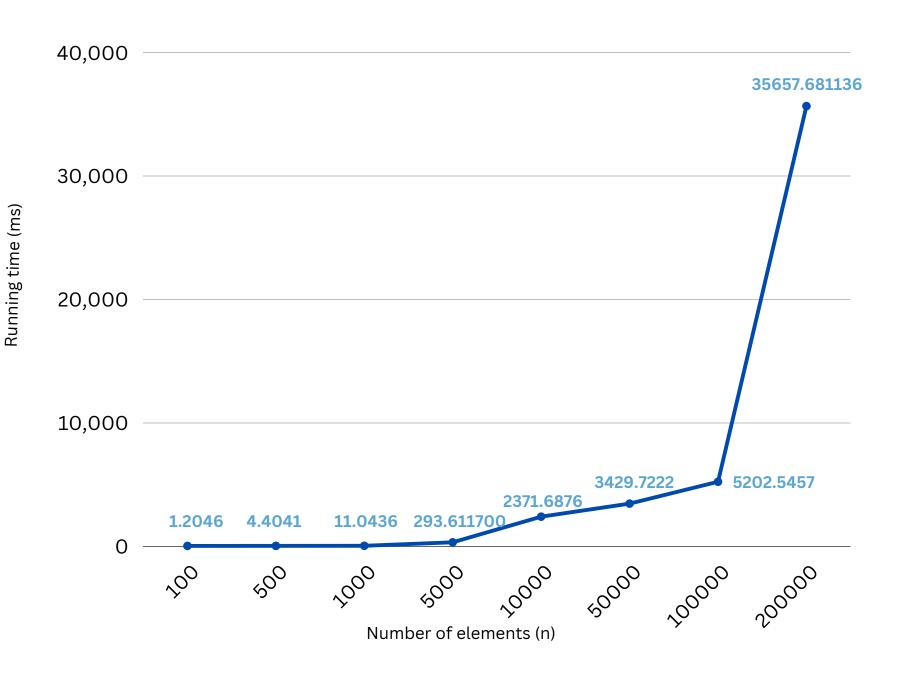


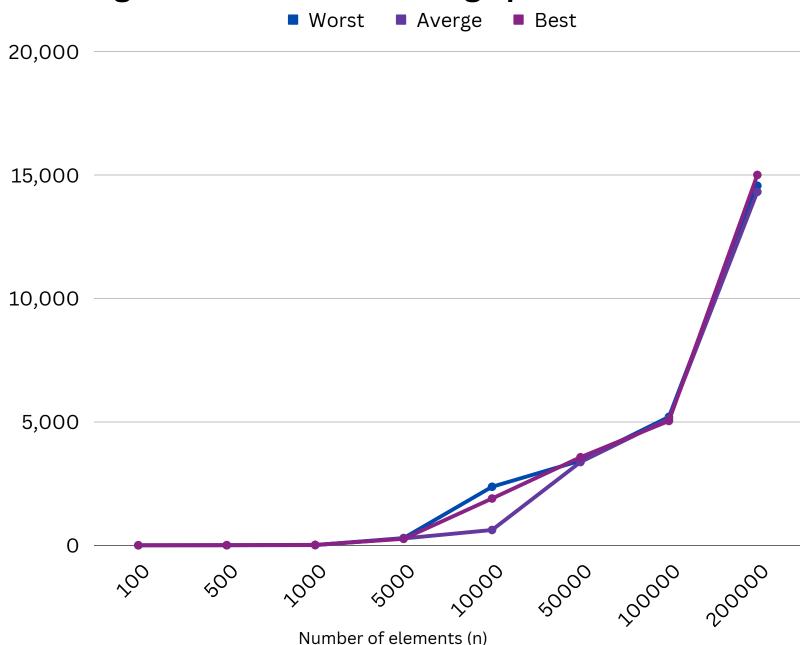


## Merge (average case practical time)



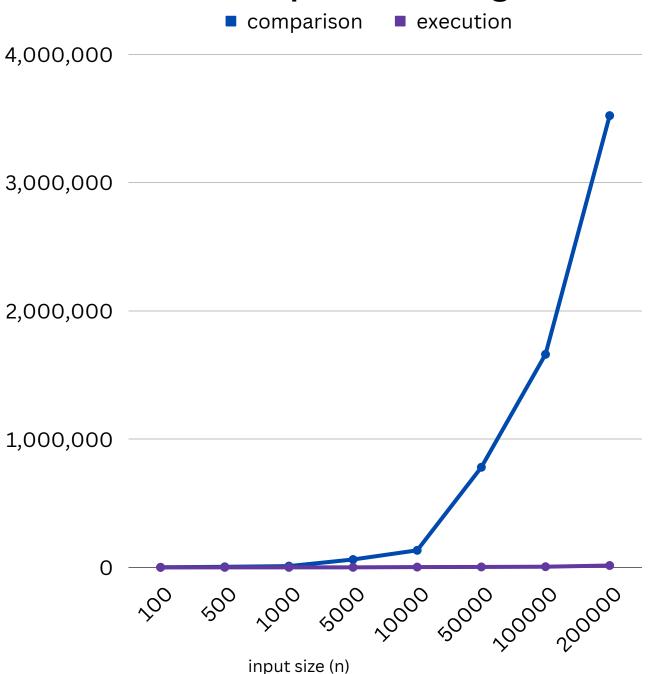
# Merge (worst case practical time)

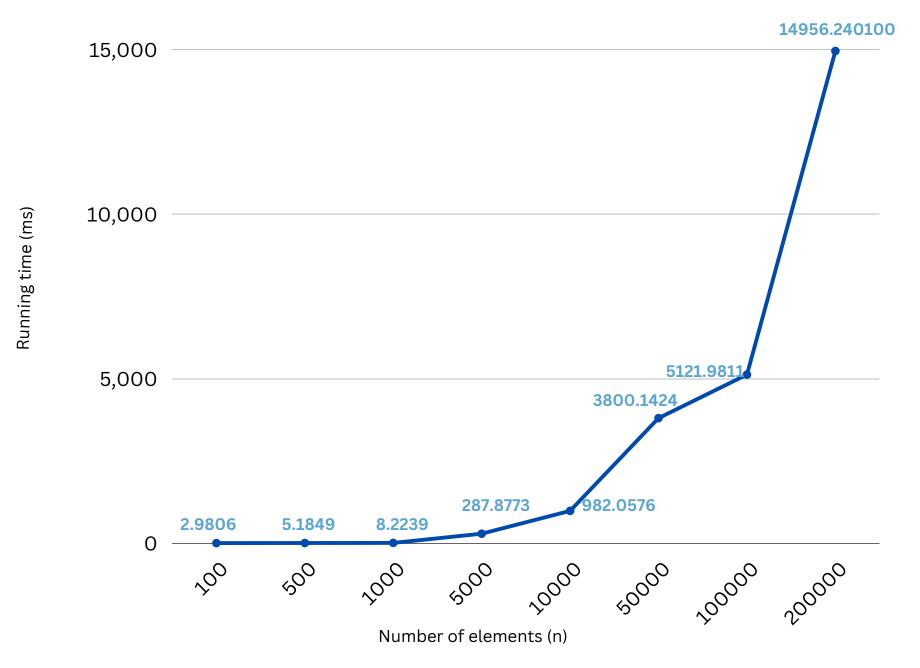


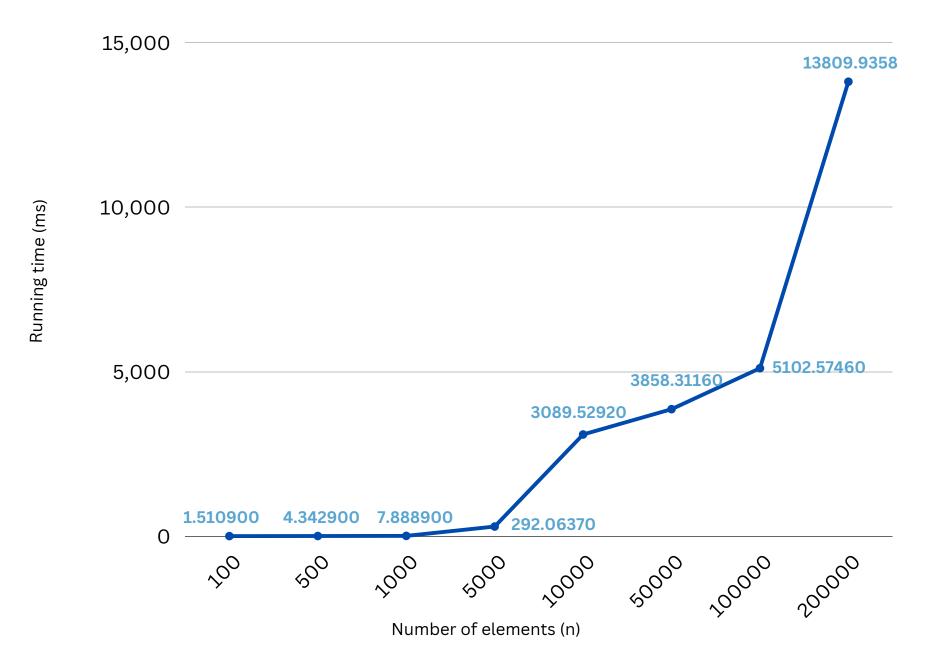


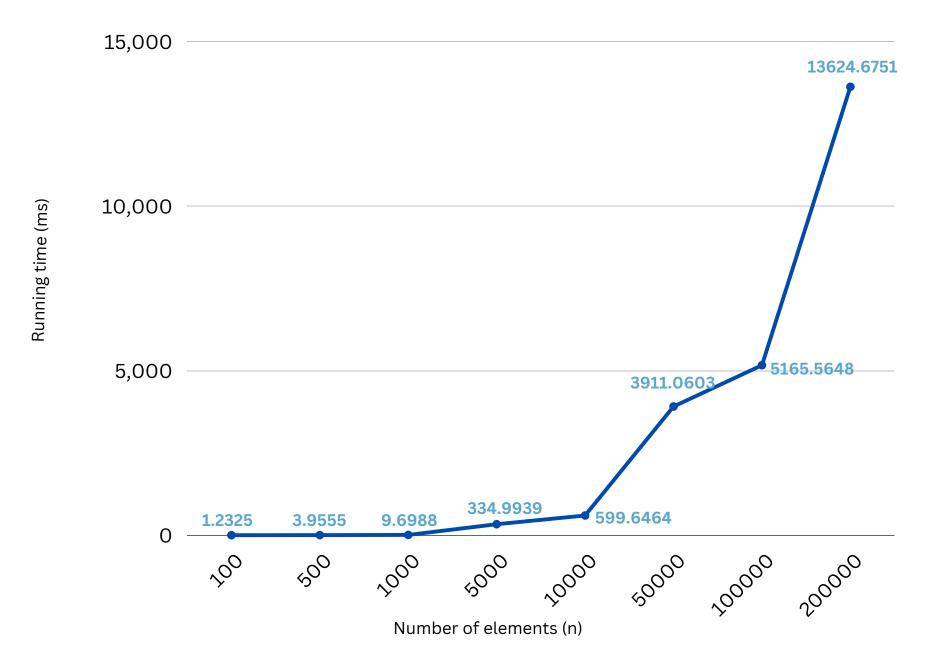
Running time (ms)

## **Number of comparisons (Merge)**

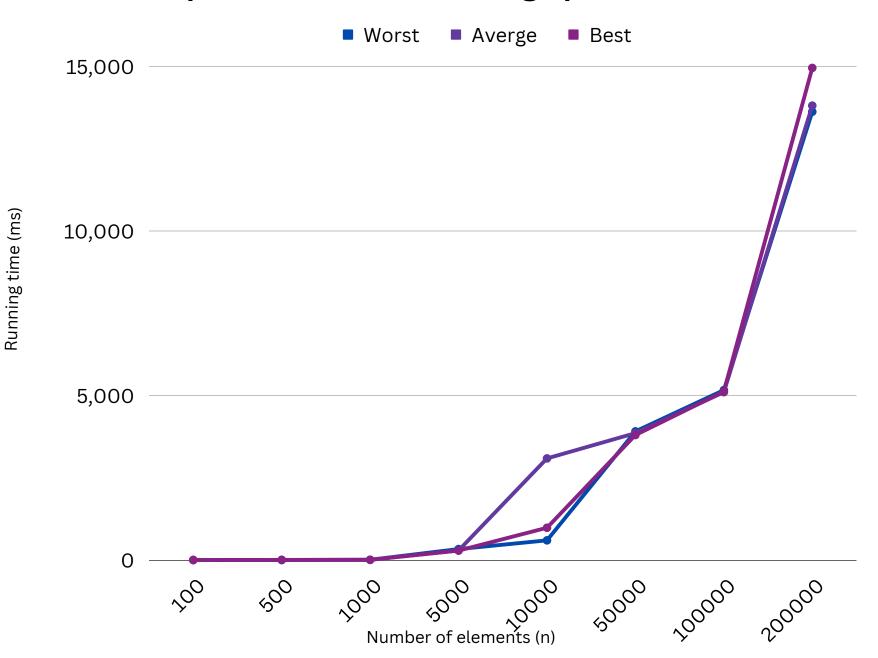




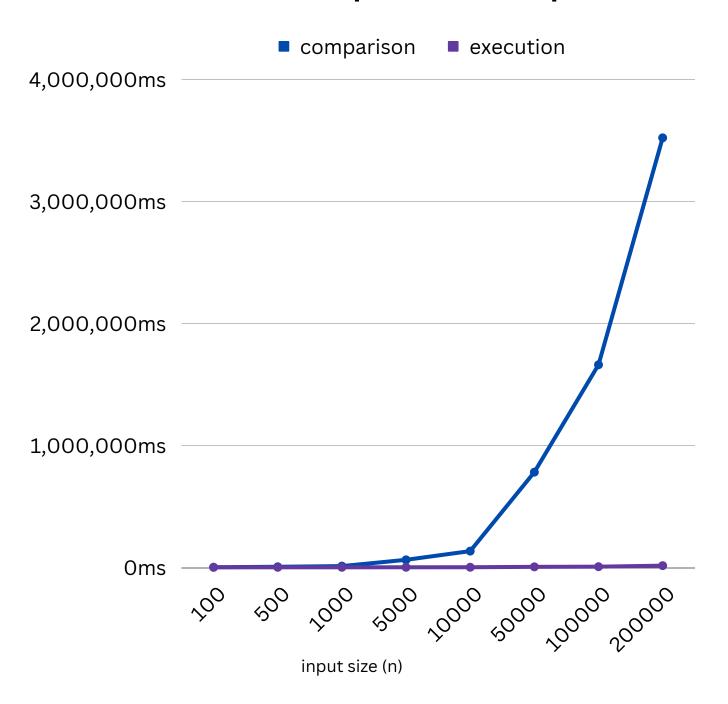




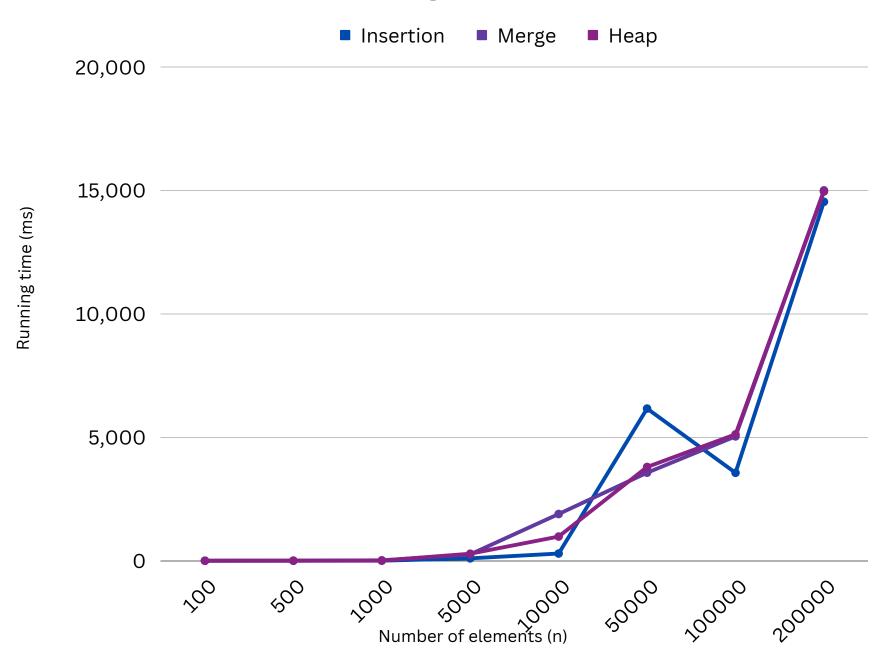
# Heap (best & worst & average practical time)

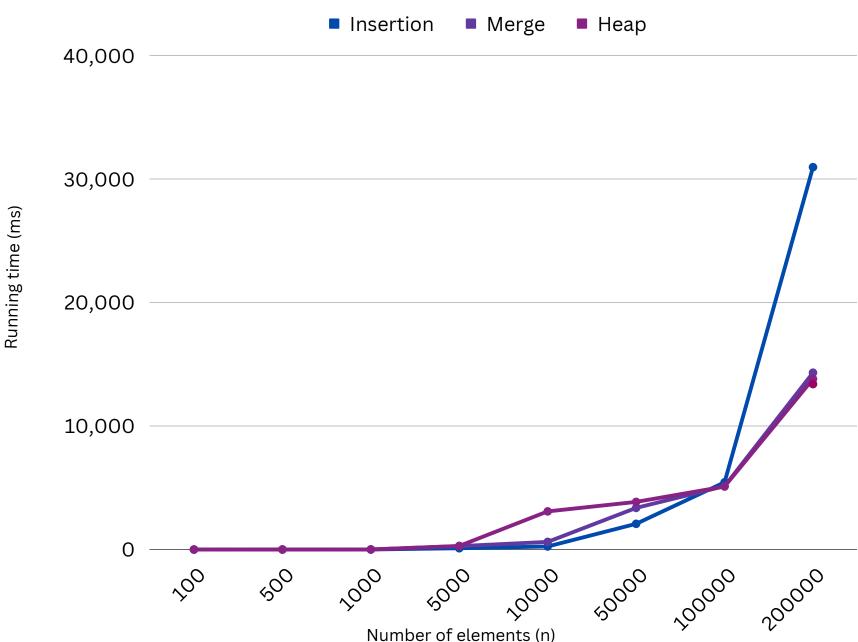


#### **Number of comparisons (heap)**

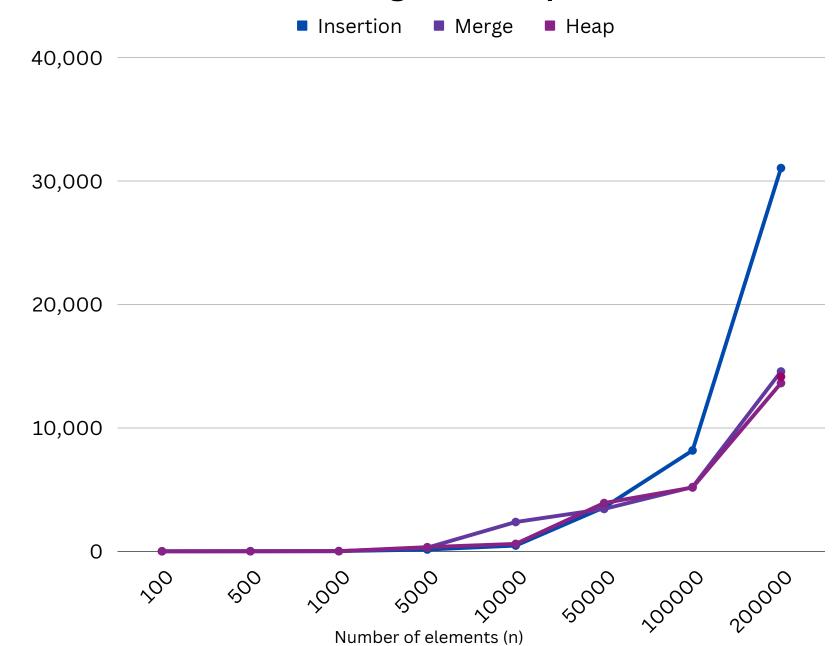


## Best case for all algorithems practical time





## worst case for all algorithems practical time



Running time (ms)