

size	heap	heaprecursive	insertion	quick	quick100	quick50
50	0.0003978	0.000252842	0.000207553	0.000643817	0.000239713	0.000242833
500	0.000615428	0.000882167	0.001215953	0.001310385	0.001325422	0.001313499
1000	0.001267839	0.001524172	0.00287119	0.003733475	0.002603169	0.002635834
2000	0.002315942	0.002647341	0.003195627	0.003146445	0.003144586	0.00328196
5000	0.003310394	0.003272234	0.005934386	0.005229633	0.004822836	0.00484362
10000	0.013390662	0.01710462	0.024208983	0.021325309	0.022190923	0.021652428
50000	0.011519663	0.012020441	0.197074721	0.099174622	0.094072075	0.096792049
100000	0.016533855	0.016950739	0.69644773	0.356080076	0.343005856	0.34397153
1000000	0.100491692	0.091801463	259.352003426	33.30067469	33.079817714	33.792895479

# Lab 4

Justin Ely

615.202.81.FA15 Data Structures

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## 1 Comments

### 1.1 Compression

### 1.2 Tie-Breaking

### 1.3 Necessary Structures

## 2 Design

### 2.1 Enhancements

### 2.2 Limitations

## 3 Efficiency

## 4 What I learned

## 5 Next time