Insertion:

```
C:\msys64\mingw64\bin\python.exe C:\Users\thatt\PycharmProjects\Insertion.py
 The time taken for inorder5k.txt is 1.99055671169189453 ms
 The time taken for inorder10k.txt is 1874.8459815979004 ms
 The time taken for inorder100k.txt is 11107.322692871094 ms
 The time taken for random5k.txt is 1614.7334575653076 ms
 The time taken for random10k.txt is 7817.277431488037 ms
 The time taken for random100k.txt is 457761.46817207336 ms
 The time taken for rev5k.txt is 153659.31606292725 ms
 The time taken for rev10k.txt is 304094.54464912415 ms
 The time taken for rev100k.txt is 2761822.8080272675 ms
```

For graph data:
The time taken for inorder5k.txt is 1.9905567169189453 ms
The time taken for inorder10k.txt is 1874.8459815979004 ms
The time taken for inorder100k.txt is 11107.322692871094 ms
The time taken for random5k.txt is 1614.7334575653076 ms
The time taken for random10k.txt is 7817.277431488037 ms
The time taken for random100k.txt is 457761.46817207336 ms
The time taken for rev5k.txt is 153659.31606292725 ms
The time taken for rev10k.txt is 304094.54464912415 ms
The time taken for rev100k.txt is 2761822.8080272675 ms

LinkedList

```
The time taken for inorder5k.txt is 1.9922256469726562 ms
The time taken for inorder10k.txt is 3.995656967163086 ms
The time taken for inorder100k.txt is 37.82486915588379 ms
The time taken for random5k.txt is 1519.9213027954102 ms
The time taken for random10k.txt is 16727.014303207397 ms
The time taken for random100k.txt is 1153513.80610466 ms
The time taken for rev5k.txt is 894682.0249557495 ms
The time taken for rev10k.txt is 1493378.9706230164 ms
The time taken for rev100k.txt is 5535138.09299469 ms
```

For graph data:
The time taken for inorder5k.txt is 1.9922256469726562 ms
The time taken for inorder10k.txt is 3.995656967163086 ms
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The time taken for random100k.txt is 1153513.80610466 ms
The time taken for rev5k.txt is 894682.0249557495 ms
The time taken for rev10k.txt is 1493378.9706230164 ms
The time taken for rev100k.txt is 5535138.09299469 ms

Project2kd

```
Size of the array:  5000
Merge Sort took 73.04000854492188 milliseconds to sort the file inorder5k.txt
Size of the array:  10000
Merge Sort took 362.86377906799316 milliseconds to sort the file inorder10k.txt
Size of the array:  100000
Merge Sort took 28524.238348007202 milliseconds to sort the file inorder100k.txt
Size of the array:  5000
Merge Sort took 66.76506996154785 milliseconds to sort the file random5k.txt
Size of the array:  10000
Merge Sort took 311.95950508117676 milliseconds to sort the file random10k.txt
Size of the array:  100000
Merge Sort took 28528.83791923523 milliseconds to sort the file random100k.txt
Size of the array:  5000
Merge Sort took 67.77024269104004 milliseconds to sort the file rev5k.txt
Size of the array:  10000
Merge Sort took 256.1819553375244 milliseconds to sort the file rev10k.txt
Size of the array:  100000
Merge Sort took 28283.02574157715 milliseconds to sort the file rev100k.txt
```

Size of the array: 5000
Merge Sort took 73.04000854492188 milliseconds to sort the file inorder5k.txt
Size of the array: 10000
Merge Sort took 362.86377906799316 milliseconds to sort the file inorder10k.txt
Size of the array: 100000
Merge Sort took 28524.238348007202 milliseconds to sort the file inorder100k.txt
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Merge Sort took 66.76506996154785 milliseconds to sort the file random5k.txt
Size of the array: 10000
Merge Sort took 311.95950508117676 milliseconds to sort the file random10k.txt
Size of the array: 100000
Merge Sort took 28528.83791923523 milliseconds to sort the file random100k.txt
Size of the array: 5000
Merge Sort took 67.77024269104004 milliseconds to sort the file rev5k.txt
Size of the array: 10000
Merge Sort took 256.1819553375244 milliseconds to sort the file rev10k.txt
Size of the array: 100000
Merge Sort took 28283.02574157715 milliseconds to sort the file rev100k.txt