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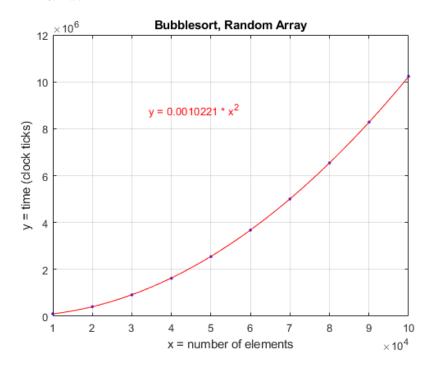
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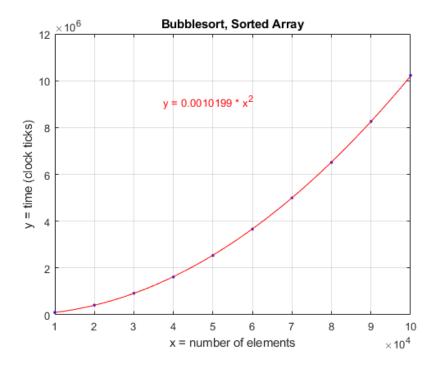
# 1 Olav's tests

# 1.1 Bubblesort

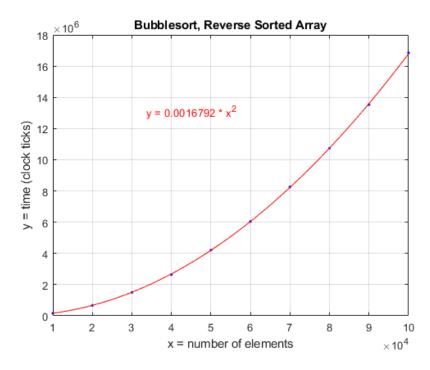
### 1.1.1 Random



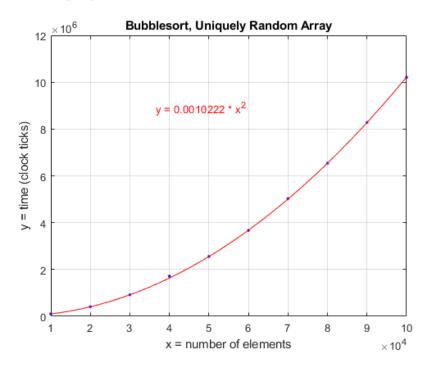
# 1.1.2 Sorted



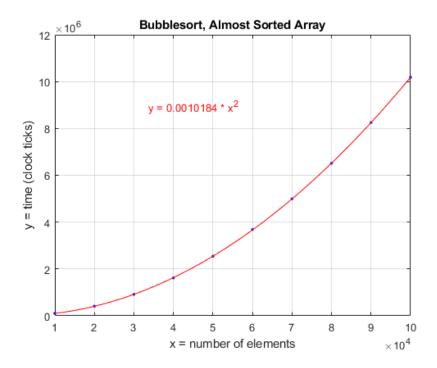
### 1.1.3 Reverse Sorted



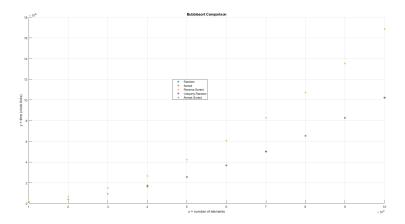
# 1.1.4 Uniquely Random



### 1.1.5 Almost Sorted

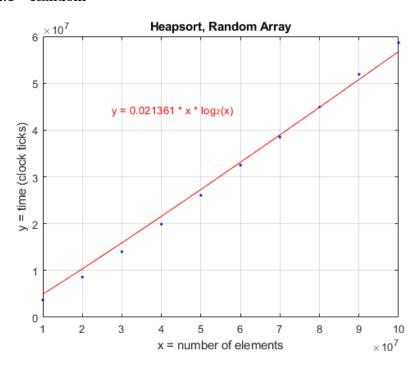


# 1.1.6 Comparison

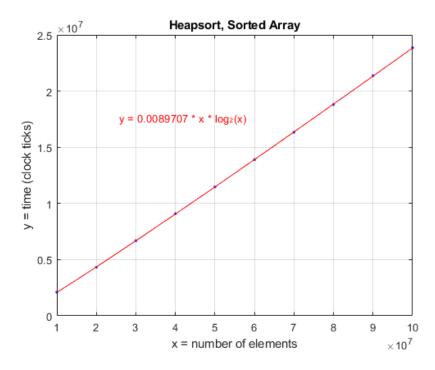


# 1.2 Heapsort

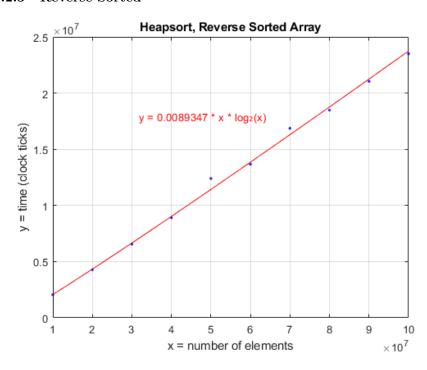
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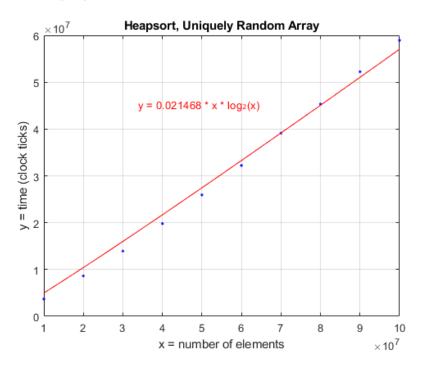
# 1.2.2 Sorted



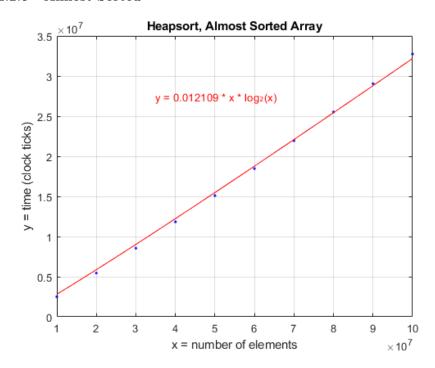
# 1.2.3 Reverse Sorted



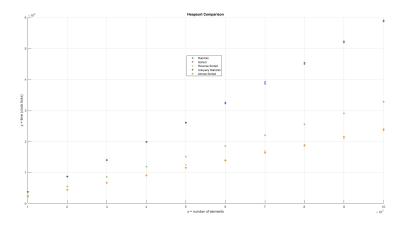
# 1.2.4 Uniquely Random



### 1.2.5 Almost Sorted

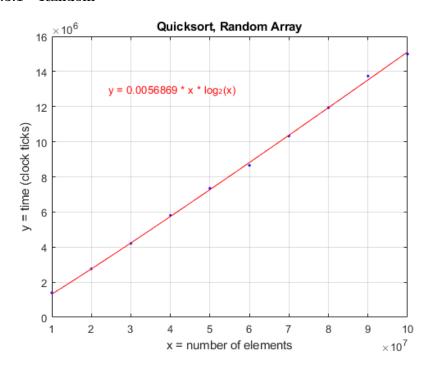


# 1.2.6 Comparison

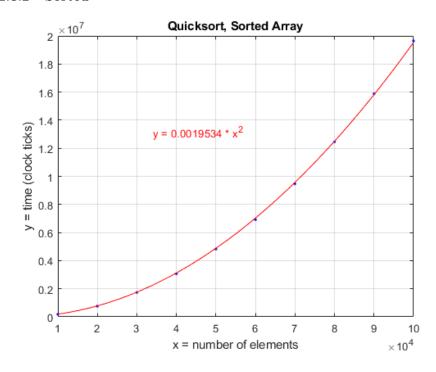


# 1.3 Quicksort

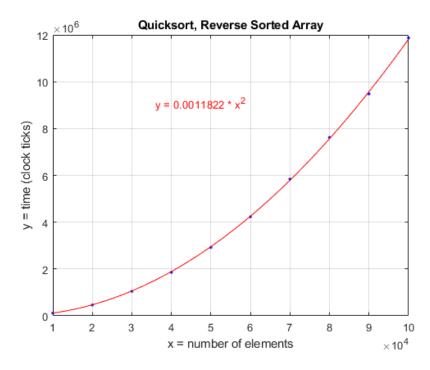
### 1.3.1 Random



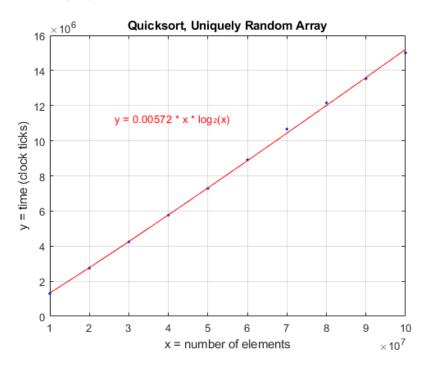
### **1.3.2** Sorted



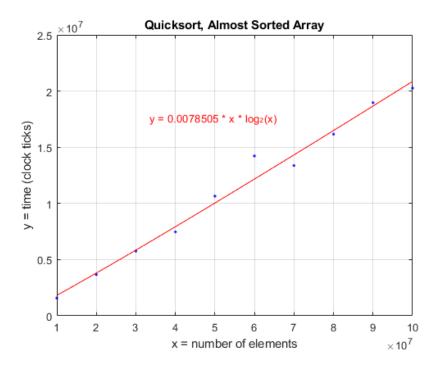
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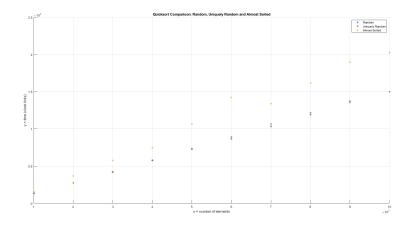
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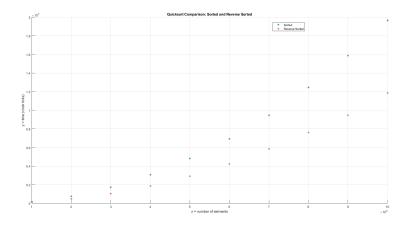
### 1.3.5 Almost Sorted



### ${\bf 1.3.6}\quad {\bf Comparison \text{--} Random, Uniquely Random and Almost Sorted}$

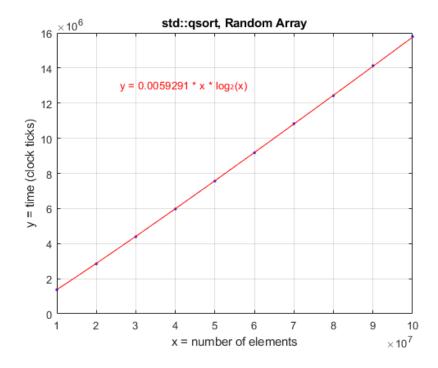


# 1.3.7 Comparison - Sorted and Reverse Sorted

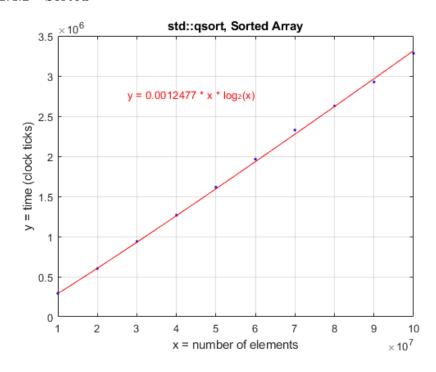


# 1.4 std::qsort

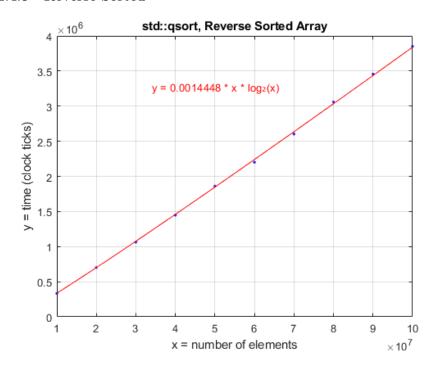
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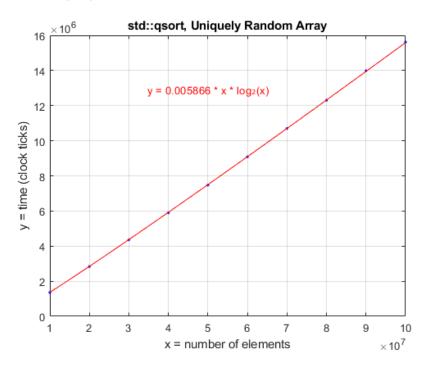
# 1.4.2 Sorted



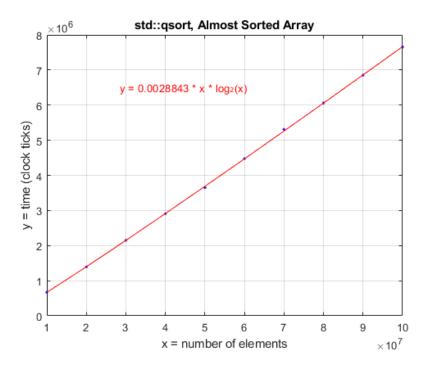
### 1.4.3 Reverse Sorted



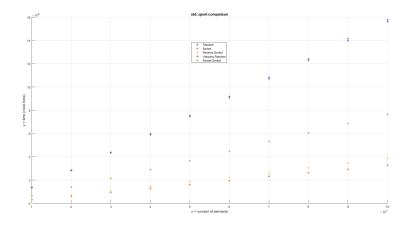
# 1.4.4 Uniquely Random



### 1.4.5 Almost Sorted

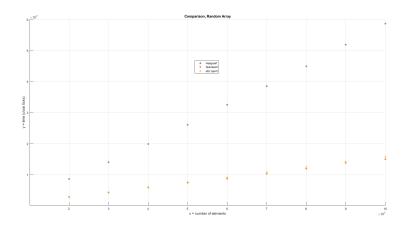


# 1.4.6 Comparison

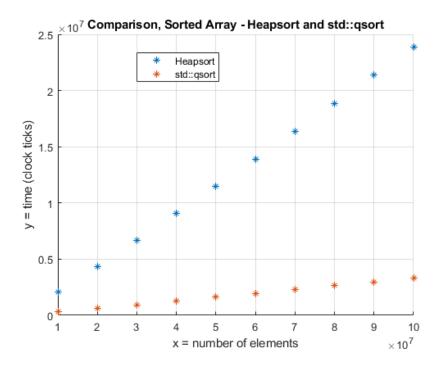


# 1.5 Comparison

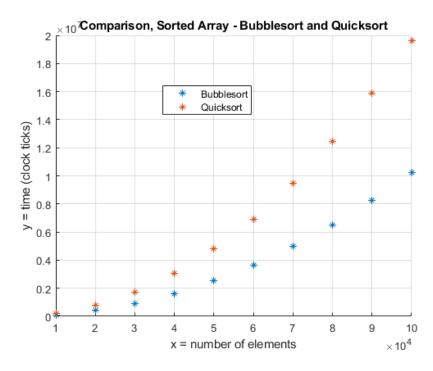
### 1.5.1 Random



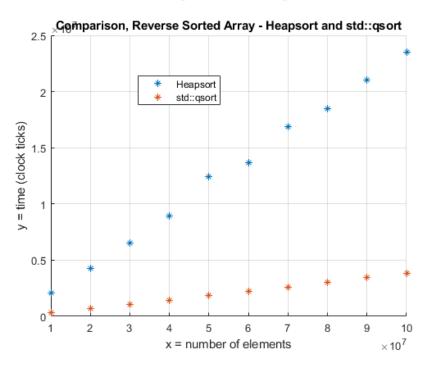
# 1.5.2 Sorted - Heapsort and std::qsort



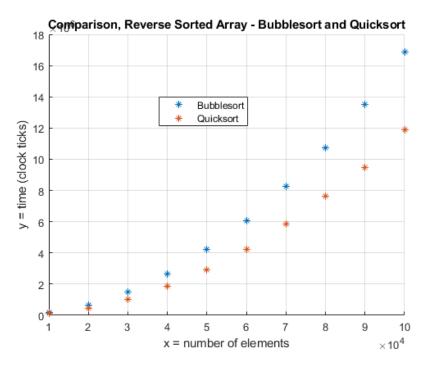
# 1.5.3 Sorted - Bubblesort and Quicksort



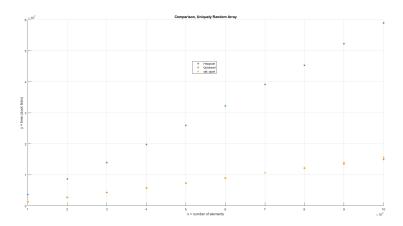
# 1.5.4 Reverse Sorted - Heapsort and std::qsort



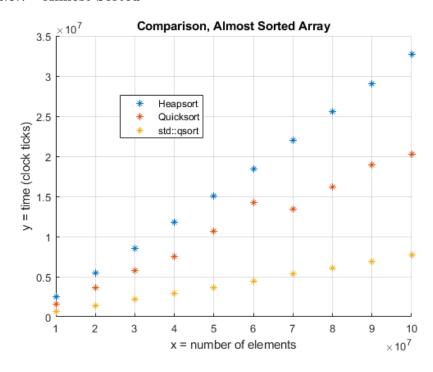
### ${\bf 1.5.5} \quad {\bf Reverse~Sorted~-~Bubblesort~and~Quicksort}$



# 1.5.6 Uniquely Random



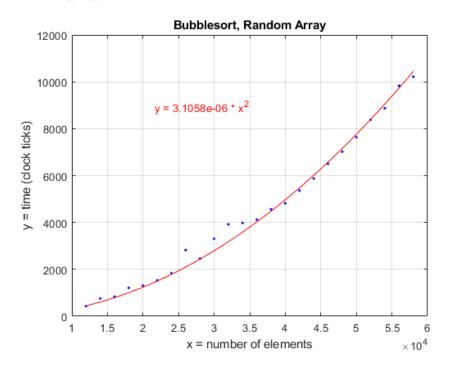
### 1.5.7 Almost Sorted



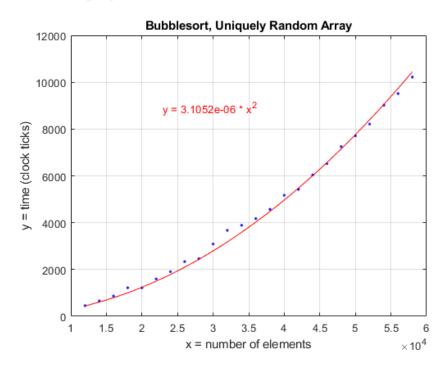
# 2 Oscar's tests 1

### 2.1 Bubblesort

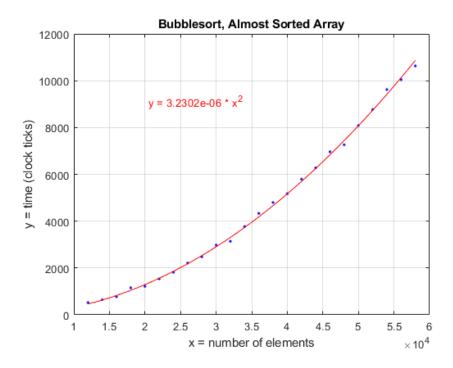
#### 2.1.1 Random



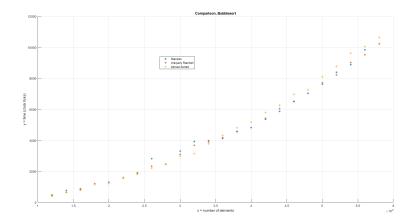
# 2.1.2 Uniquely Random



# 2.1.3 Almost Sorted

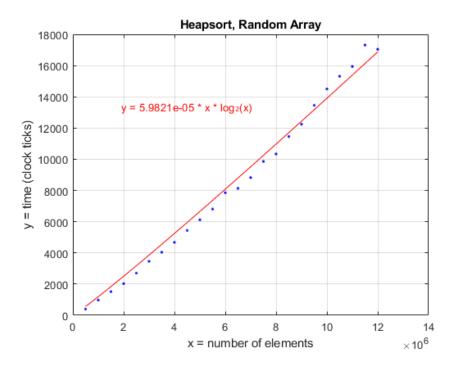


# 2.1.4 Comparison

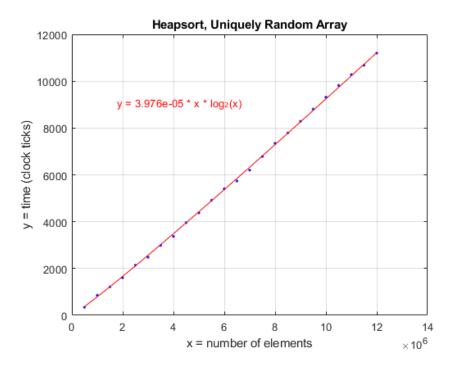


# 2.2 Heapsort

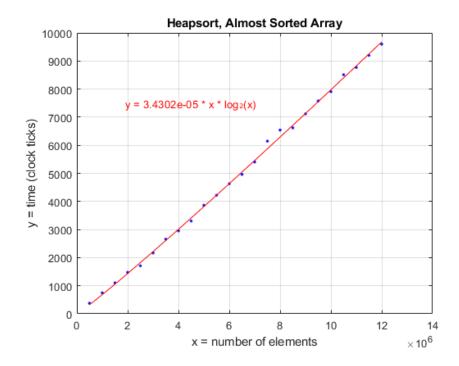
### 2.2.1 Random



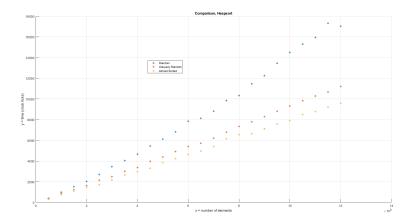
# 2.2.2 Uniquely Random



### 2.2.3 Almost Sorted

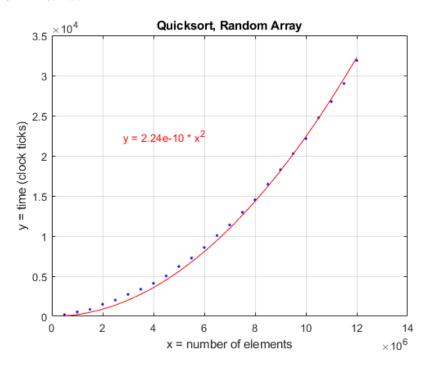


# 2.2.4 Comparison

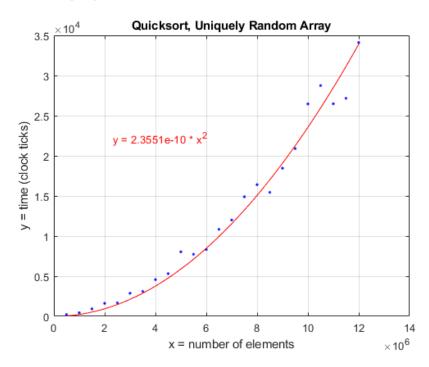


# 2.3 Quicksort

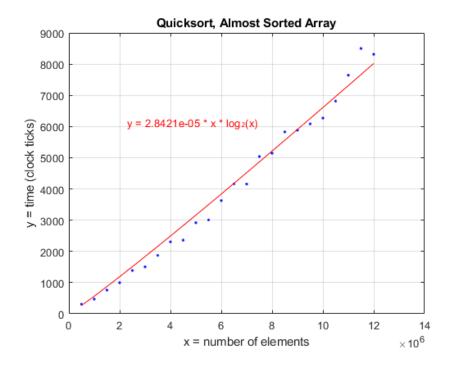
# 2.3.1 Random



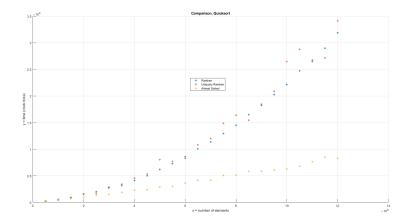
# 2.3.2 Uniquely Random



### 2.3.3 Almost Sorted

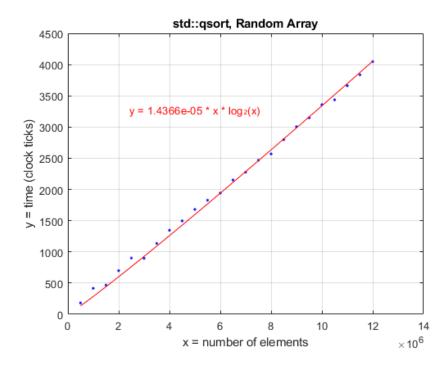


# 2.3.4 Comparison

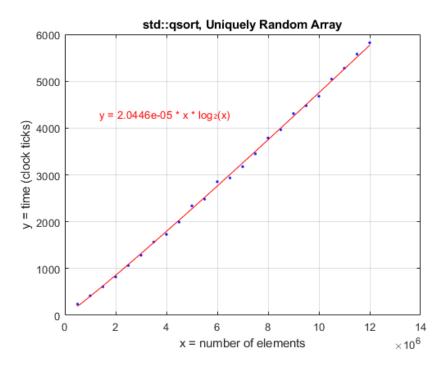


# 2.4 std::qsort

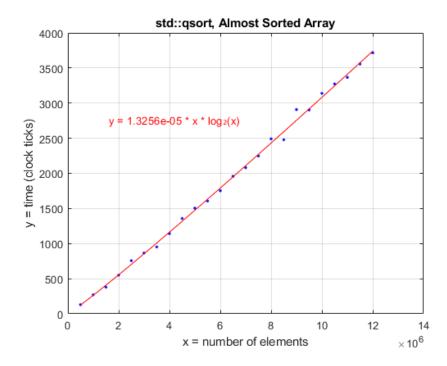
#### 2.4.1 Random



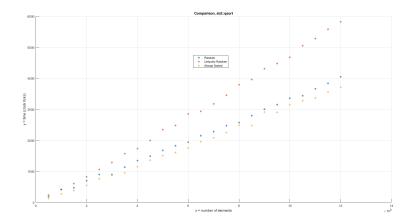
### 2.4.2 Uniquely Random



#### 2.4.3 Almost Sorted

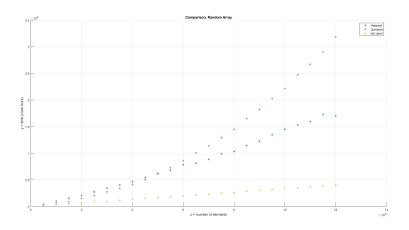


## 2.4.4 Comparison

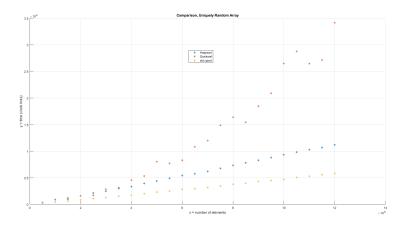


# 2.5 Comparison

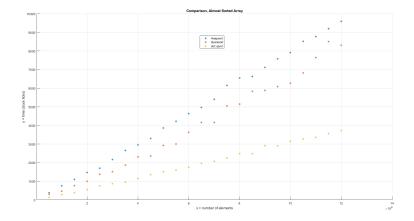
### 2.5.1 Random



# 2.5.2 Uniquely Random



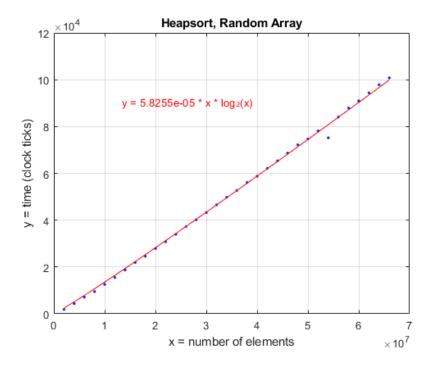
#### 2.5.3 Almost Sorted



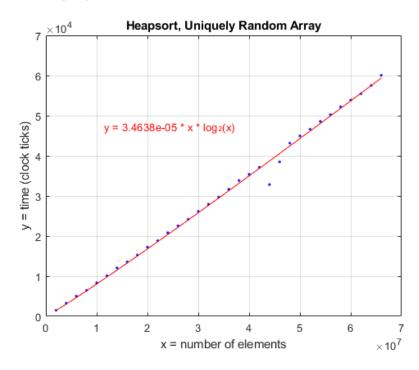
# 3 Oscar's tests 2

# 3.1 Heapsort

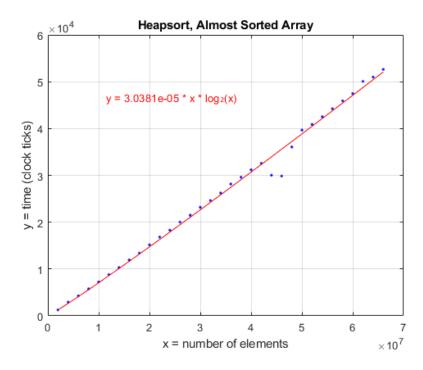
### 3.1.1 Random



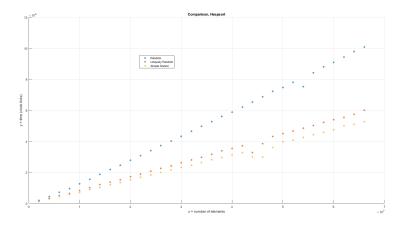
### 3.1.2 Uniquely Random



### 3.1.3 Almost Sorted

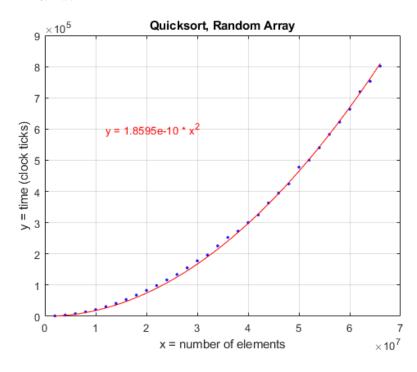


### 3.1.4 Comparison

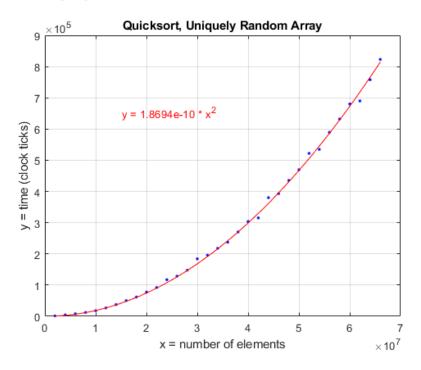


# 3.2 Quicksort

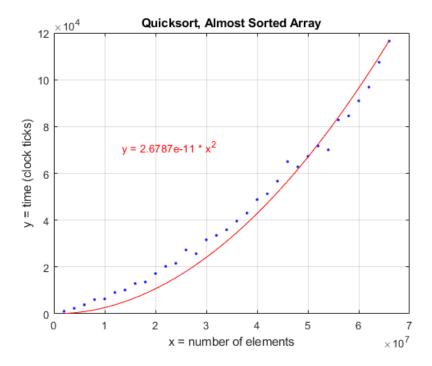
### 3.2.1 Random



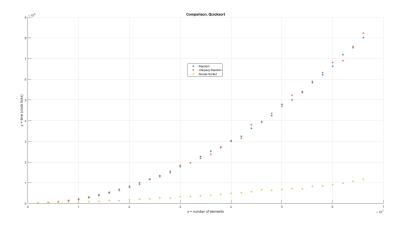
### 3.2.2 Uniquely Random



### 3.2.3 Almost Sorted

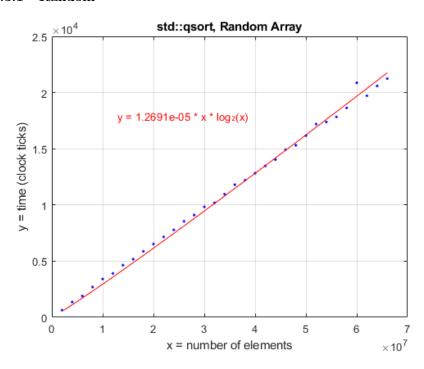


## 3.2.4 Comparison

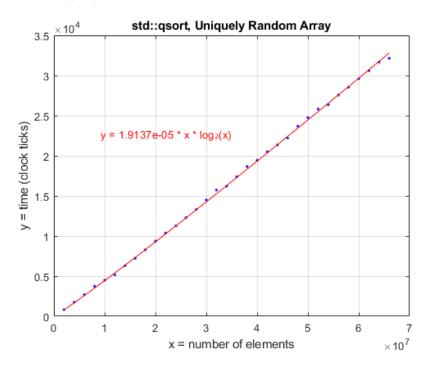


# 3.3 std::qsort

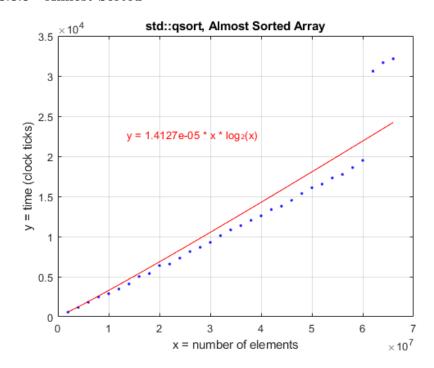
# 3.3.1 Random



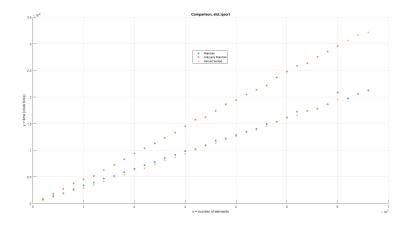
### 3.3.2 Uniquely Random



## 3.3.3 Almost Sorted

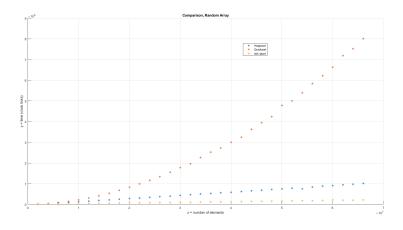


## 3.3.4 Comparison

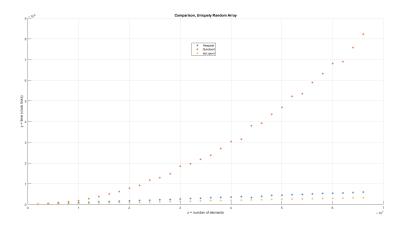


# 3.4 Comparison

### 3.4.1 Random



# 3.4.2 Uniquely Random



### 3.4.3 Almost Sorted

