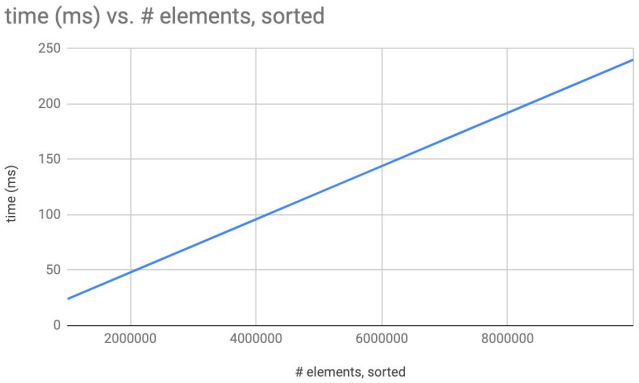
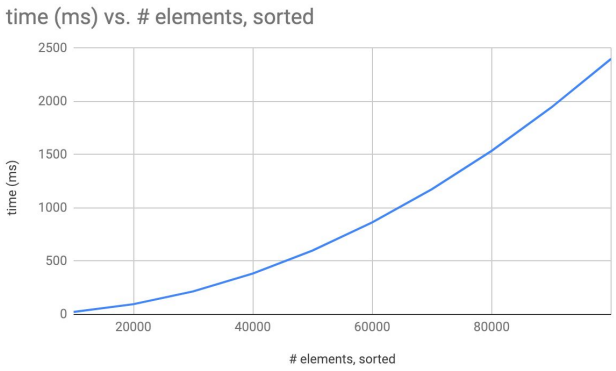
```
class Sort1 {
  public static boolean isSorted1(int[] arr) {
    for(int i = 0; i < arr.length - 1; i += 1) {
      if(arr[i] > arr[i + 1]) { return false; }
    }
    return true;
  }
}
```




```
class Sort2 {
  public static boolean isSorted2(int[] arr) {
    for(int i = 0; i < arr.length; i += 1) {
      for(int j = i + 1; j < arr.length; j += 1) {
        if(arr[i] > arr[j]) { return false; }
      }
    }
    return true;
  }
}
```




```
boolean isSorted1(int[] arr) {


  for(int i = 0;

      i < arr.length - 1;

      i += 1) {

    if(arr[i] > arr[i + 1]) {

      return false;
    }
  }

  return true;
}
```

```
// # of times evaluated
// in sorted order            unordered at index k, k+1

//

//

//

//

//


//
```

```
boolean isSorted2(int[] arr) {


  for(int i = 0;

      i < arr.length;

      i += 1) {

    for(int j = i + 1;

        j < arr.length;

        j += 1) {

      if(arr[i] > arr[j]) {

        return false;
      }
    }
  }
  return true;
}
```

```
// # of times evaluated
// in sorted order            unordered at index k, k+1

//

//

//

//

//

//

//


//
```

```
boolean find( String[] theList, String toFind ) {


    for ( int i = 0;

          i < theList.length;

          i += 1 ) {

        if ( theList[i].equals( toFind )) {

            return true;
        }
    }
    return false;
}
```

```
// # of times evaluated
// toFind NOT FOUND      toFind FIRST      toFind at index k

//

//

//

//

//

//
```

```
boolean find( String[] theList, String toFind ) {


    boolean found = false;

    for ( int i = 0;

          i < theList.length;

          i += 1 ) {

        if ( theList[i].equals( toFind )) {

            found = true;
        }
    }
    return found;
}
```

```
// # of times evaluated
// toFind NOT FOUND      toFind FIRST      toFind at index k

//

//

//

//

//

//

//
```