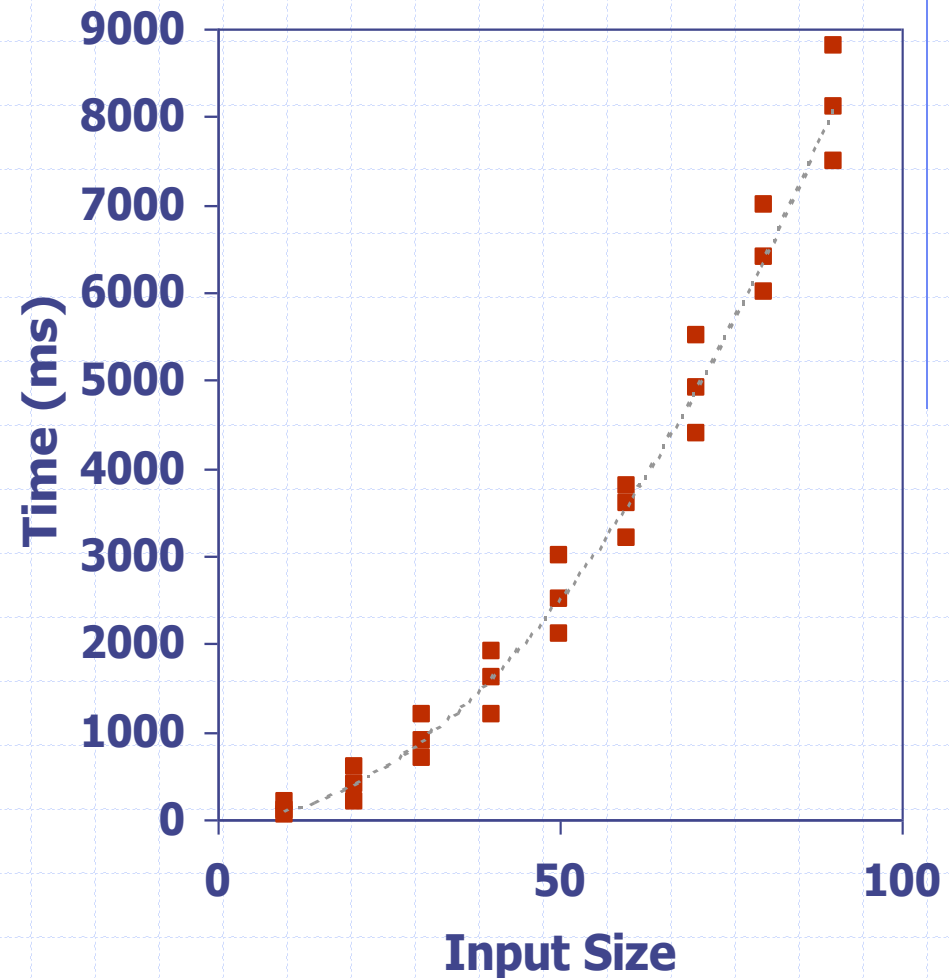


Experimental Studies

- Write a program implementing the algorithm
- Run the program with inputs of varying size and composition, noting the time needed:
- Plot the results



```
1 long startTime = System.currentTimeMillis();  
2 /* (run the algorithm) */  
3 long endTime = System.currentTimeMillis();  
4 long elapsed = endTime - startTime;
```

```
// record the starting time
```

```
// record the ending time
```

```
// compute the elapsed time
```