

secuencial:

```
Random Numbers: 3 5 4 4 1 3 5 4 4 5  
Quick Sorted Numbers: 1 3 3 4 4 4 4 5 5 5 ./ctt 0.00s user 0.00s system 1% cpu 0.174 total
```

```
Random Numbers: 4 2 2 3 3 1 1 3 4  
Quick Sorted Numbers: 1 1 2 2 3 3 3 4 4 ./ctt 0.00s user 0.00s system 1% cpu 0.238 total
```

paralelo:

```
Random Numbers: 4 2 2 3 3 1 1 3 4  
Quick Sorted Numbers: 1 1 2 2 3 3 3 4 4 ./ctt 0.00s user 0.00s system 2% cpu 0.074 total
```

```
Random Numbers: 3 5 4 4 1 3 5 4 4 5  
Quick Sorted Numbers: 1 3 3 4 4 4 4 5 5 5 ./ctt 0.00s user 0.00s system 4% cpu 0.095 total
```

$$S = \frac{T_{old}}{T_{new}} = \frac{1}{1 - p + \frac{p}{s}}$$

El speedup es de 1.7 aproximadamente-