

# 3Bit 1BRC

| File name              | Python              | Cpp               |
|------------------------|---------------------|-------------------|
| Measurements_mil.txt   | 400 milliseconds    | 229 milliseconds  |
| Measurements_10mil.txt | 4780 milliseconds   | 1151 milliseconds |
| Data.txt               | 195736 milliseconds |                   |

## Cpp

```
annamonastirska@MacBook-Pro-Anna-3 1BRC % python3 analyze_results.py /Users/annamonastirska/Desktop/measurements_mil.txt output.txt 6 10
Min : 221.0000
Mean: 224.4000
Std : 2.7568
```

```
annamonastirska@MacBook-Pro-Anna-3 1BRC % python3 analyze_results.py /Users/annamonastirska/Desktop/measurements_10mil.txt output.txt 6 10
Min : 1125.0000
Mean: 1186.5000
Std : 42.8207
```

```
/Users/annamonastirska/CLionProjects/1BRC/cmake-build-release/1BRC /Users/annamonastirska/Desktop/data.txt ../output.txt 6
195736 milliseconds
```

## Python

```
annamonastirska@MacBook-Pro-Anna-3 1BRC % python3 script.py /Users/annamonastirska/Desktop/measurements_mil.txt output.txt
Execution time: 0.40 seconds
```

```
annamonastirska@MacBook-Pro-Anna-3 1BRC % python3 script.py /Users/annamonastirska/Desktop/measurements_10mil.txt output.txt
Execution time: 4.78 seconds
```