

3Bit 1BRC

Measurements_mil.txt

Script.py:

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

Program.cpp:

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

Measurements_10mil.txt

Script.py:

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

Program.cpp:

```
/Users/annamonastirska/CLionProjects/1BRC/cmake-build-release/1BRC /Users/annamonastirska/Desktop/measurements_10mil.txt ../output.txt 4  
1151 milliseconds
```

Data.txt

```
/Users/annamonastirska/CLionProjects/1BRC/cmake-build-release/1BRC /Users/annamonastirska/Desktop/data.txt ../output.txt 6  
196556 milliseconds
```

```
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 : 1156.0000  
Mean: 1175.5000  
Std : 16.2019
```