

Coding Journey Report

Data visualizations and summaries for exploring a coding journey.

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Task name: Program 2

Typing Time: 1 minute 50 seconds

Total time spent: 3 minutes 24 seconds

Average typing speed: 40 character(s)/minute

Number of lines: 15

Number of characters: 365

Number of time points: 23 (Logged at 5 seconds)

Interactive version of this report is [available here](#).

Final Code

If the code contains more than one file, they are concatenated and shown.

```
==+==  
FILE: Main.cpp  
==+==  
  
/* Sample C++ code */  
#include <iostream>  
#include <math.h>  
using namespace std;  
int main() {  
    int x1,y1,x2,y2;  
    float d;  
    cout << "Enter first point:\n";  
    cin >>x1>>y1;  
    cout << "Enter second point:\n";  
    cin >>x2>>y2;  
    d=sqrt((pow((y2-y1),2))+(pow((x2-x1),2)));  
    cout << "The distance is "<<d;  
    return 0;  
};
```

Final Execution Output

Output of the most recent code execution.

```
Enter first point:  
Enter second point:  
The distance is 2
```

Inputs to the Code

Most recent user-typed inputs to the program (STDIN).

1
2
3
4

Most Common Error

The most common error that occurred during the coding process; "null" (if any) indicates no errors.

EXCEPTION:

main.cpp: In function 'int main()':

main.cpp:12:22: error: no matching function for call to 'pow(int)'

```
12 |     d=sqrt((pow(y2-y2),2)+(pow(x2-x1),2));
    |               ^
```

In file included from /usr/include/features.h:424,

from /usr/local/gcc-9.2.0/include/c++/9.2.0/x86_64-linux-gnu/bits/os_defines.h:39,

from /usr/local/gcc-9.2.0/include/c++/9.2.0/x86_64-linux-gnu/bits/c++config.h:524,

from /usr/local/gcc-9.2.0/include/c++/9.2.0/iostream:38,

from main.cpp:2:

/usr/include/x86_64-linux-gnu/bits/mathcalls.h:140:1: note: candidate: 'double pow(double, double)'

```
140 | __MATHCALL_VEC (pow,, (_Mdouble_ __x, _Mdouble_ __y));
    | ^~~~~~
```

/usr/include/x86_64-linux-gnu/bits/mathcalls.h:140:1: note: candidate expects 2 arguments, 1 provided

In file included from /usr/local/gcc-9.2.0/include/c++/9.2.0/math.h:36,

from main.cpp:3:

/usr/local/gcc-9.2.0/include/c++/9.2.0/cmath:415:5: no... [too long EXCEPTION trimmed]

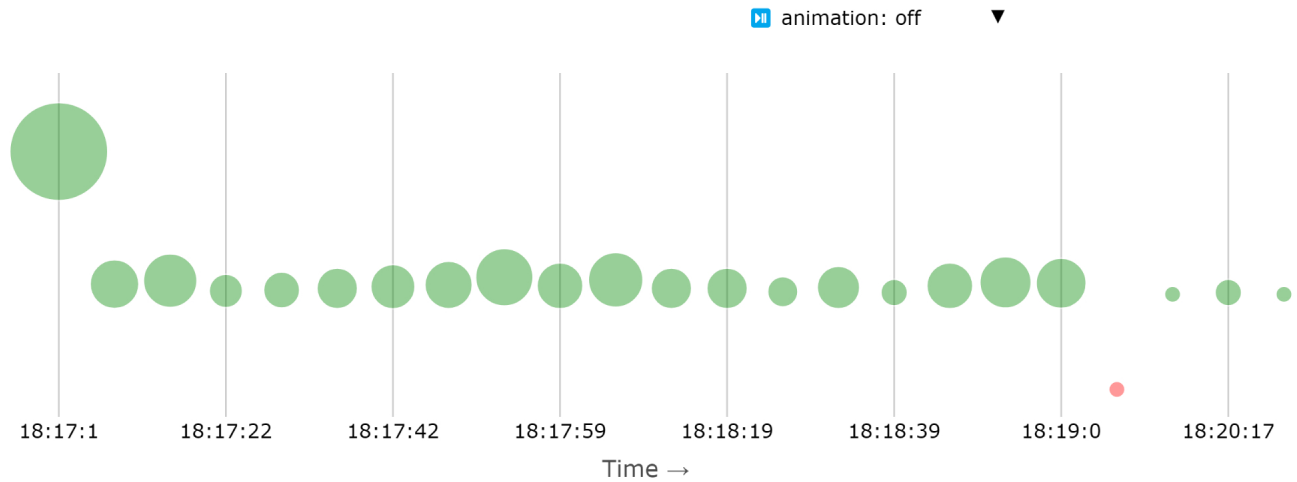
Effort Summary

Active durations while working on the task, shown as green bars.



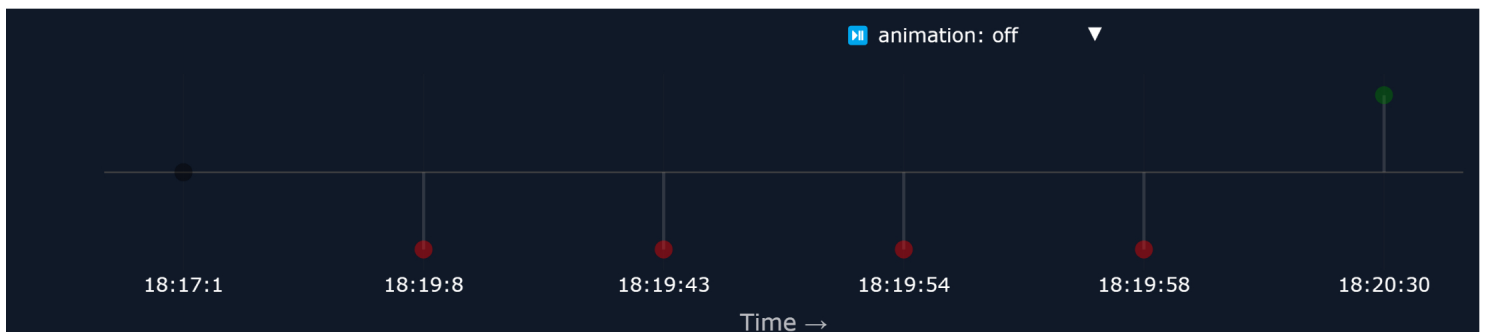
Text Added or Removed Over Time

Green and red circles show text add and removed; size of the circle shows change in the number of characters.



Code Executions

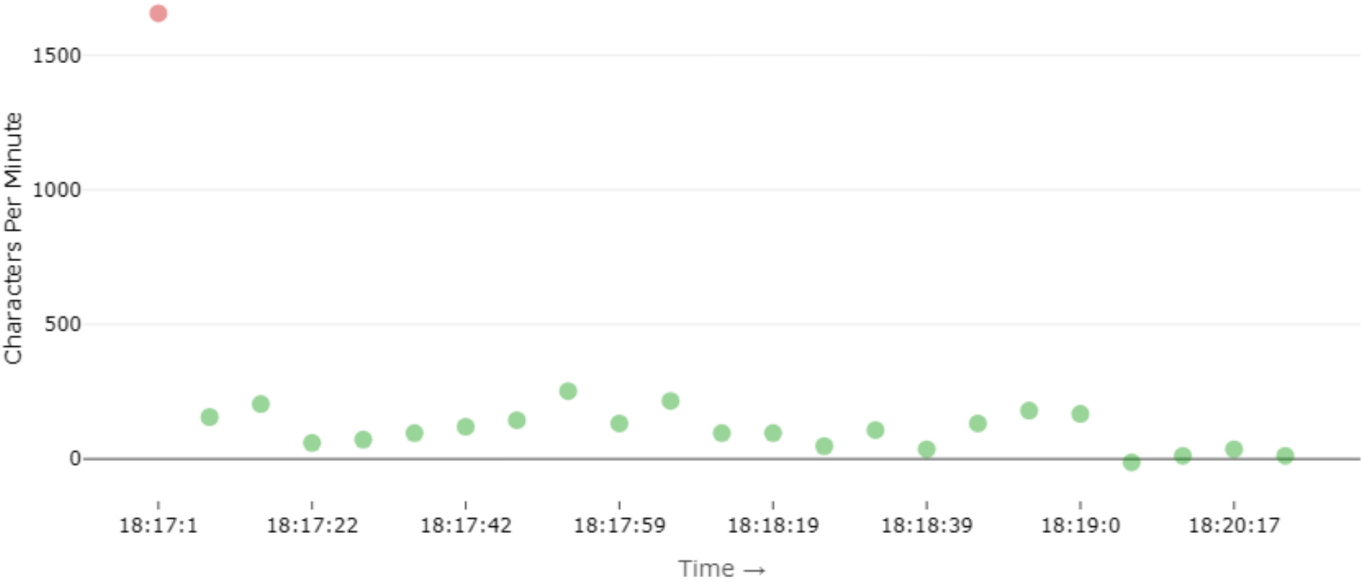
Green and red dots correspond to successful and failed executions.



Typing Speed

Typing speed can be negative when text is deleted.

animation: off ▼



Edited Line Locations (inactive durations not shown)

Each edited line block is assigned a color; highlighted bars show the line(s) edited at that time point.

animation: off ▼

Time (Time Points) →

