

# Coding Journey Report

Data visualizations and summaries for exploring a coding journey.

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Task name: Program 3

Typing Time: 2 minutes 55 seconds

Total time spent: 4 minutes 36 seconds

Average typing speed: 48 character(s)/minute

Number of lines: 25

Number of characters: 436

Number of time points: 36 (Logged at 5 seconds)

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

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## Final Code

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

---

```
==+==  
FILE: Main.cpp  
==+==  
  
/* Friend Function */  
#include <iostream>  
using namespace std;  
  
class x;  
class y{  
    int data2=1;  
    friend void greatest(x,y);  
};  
class x{  
    int data1=2;  
    friend void greatest(x,y);  
};  
  
void greatest(x first,y second)  
{  
    if(first.data1>second.data2)  
        cout<<"data1 is greatest";  
    else  
        cout<<"data2 is greatest";  
}  
int main() {  
    x first;  
    y second;  
    greatest(first,second);  
    return 0;  
};
```

---

## Final Execution Output

Output of the most recent code execution.

---

```
data1 is greatest
```

---

## Most Common Error

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

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### STDERR:

Main.cpp:8:27: error: expected ';' at end of member declaration

```
8 | friend void greatest(x,y)
  |                               ^
  |                               ;
```

Main.cpp:15:1: error: 'friend' used outside of class

```
15 | friend void greatest(x first,y second)
    | ^~~~~~
    | -----
```

### EXCEPTION:

Error: Command failed: timeout 7 g++ -o Main Main.cpp

Main.cpp:8:27: error: expected ';' at end of member declaration

```
8 | friend void greatest(x,y)
  |                               ^
  |                               ;
```

Main.cpp:15:1: error: 'friend' used outside of class

```
15 | friend void greatest(x first,y second)
    | ^~~~~~
    | -----
```

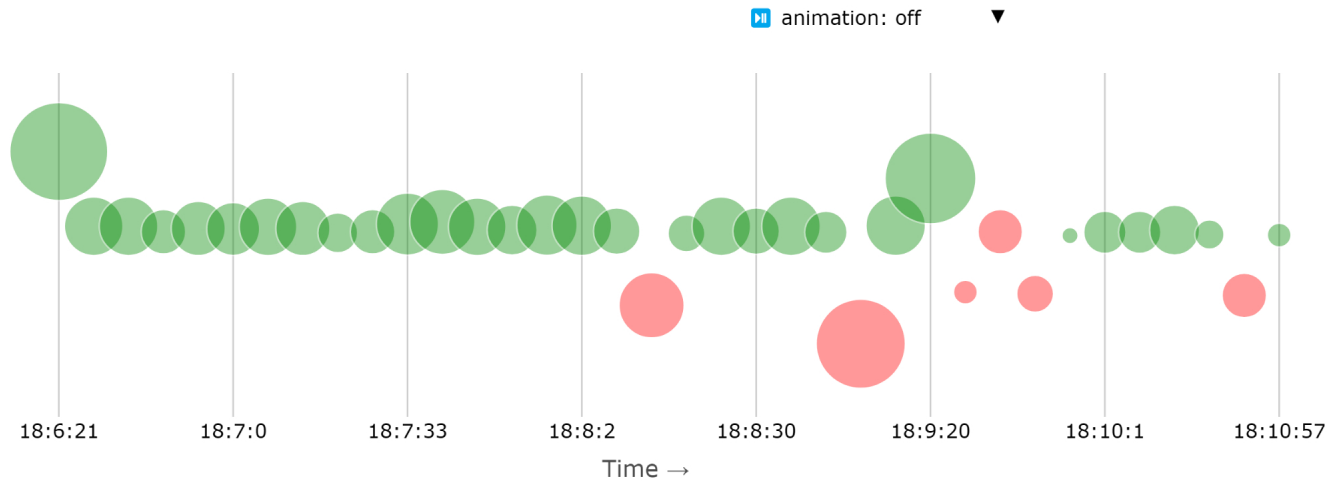
## Effort Summary

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

Active:  
4 minutes 36 seconds

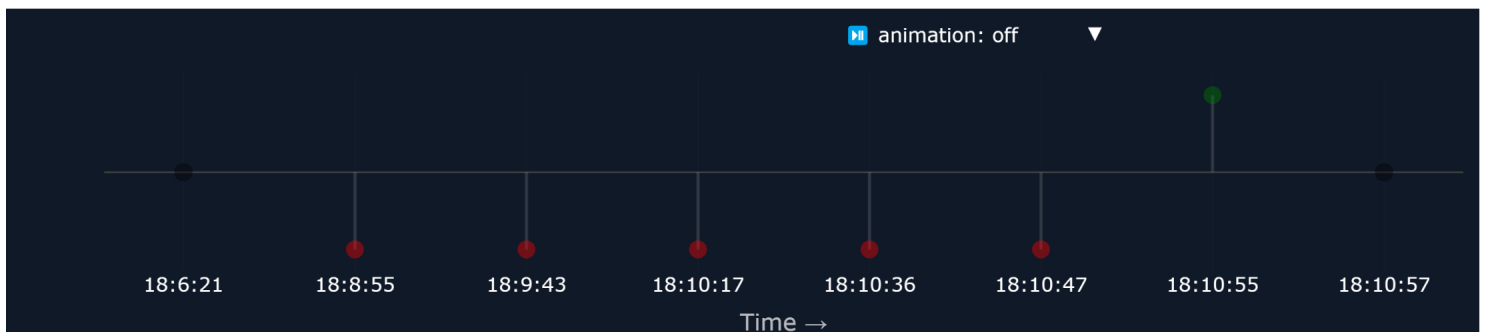
## Text Added or Removed Over Time

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



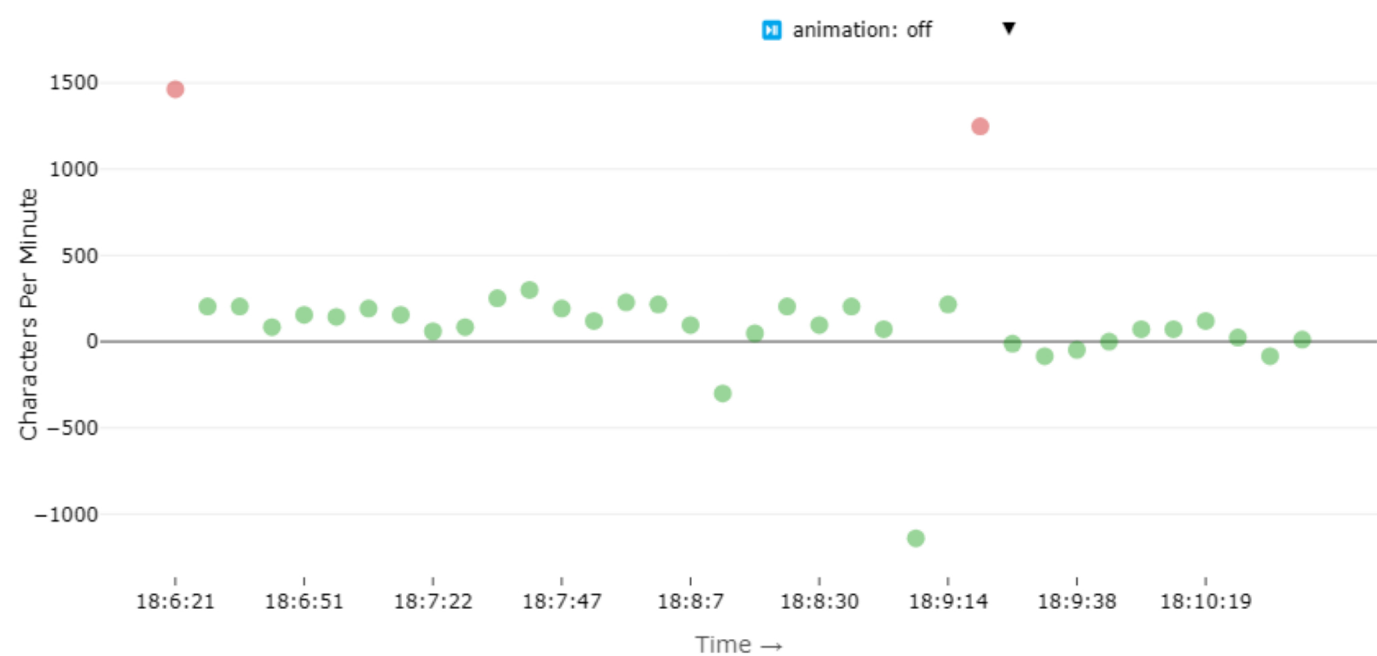
## Code Executions

Green and red dots correspond to successful and failed executions.



### Typing Speed

Typing speed can be negative when text is deleted.



### 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.



