

Coding Journey Report

Data visualizations and summaries for exploring a coding journey.

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Task name: cast operator

Typing Time: 7 minutes 45 seconds

Total time spent: 18 minutes 38 seconds

Average typing speed: 22 character(s)/minute

Number of lines: 34

Number of characters: 671

Number of time points: 94 (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  
====  
  
/* using cast opertor */  
#include<iostream>  
using namespace std;  
class Operator{  
    public:  
        int add(int* num){  
            int sum = 0;  
            for (int i =0; i<10; i++)  
            {  
                sum = sum + num[i];  
  
            }  
            return sum;  
  
        }  
  
        float average(int sum)  
        {  
            float total = static_cast<float>(sum)/10;  
            return total;  
  
        }  
};  
int main()  
{  
    Operator op;  
    int* num = new int[10];  
    int sum;  
    float average;  
    for (int i =0;i<10;i++)  
    {  
        cin>>num[i];  
  
    }  
    sum =op.add(num);  
    average=op.average(sum);  
    cout<<sum<<endl<<average;  
    delete[]num;  
}
```

Final Execution Output

Output of the most recent code execution.

125
12.5

Inputs to the Code

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

10 20 30 40 4 5 4 4 4 4

Most Common Error

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

EXCEPTION:

```
main.cpp:6:21: error: expected ';' at end of member declaration
  6 |     int add(int* num)
    |           ^
    |
    |
main.cpp:8:5: error: expected unqualified-id before 'for'
  8 |     for (int i =0;i<10;i++)
    |     ^
    |
main.cpp:8:19: error: 'i' does not name a type
  8 |     for (int i =0;i<10;i++)
    |         ^
    |
main.cpp:8:24: error: 'i' does not name a type
  8 |     for (int i =0;i<10;i++)
    |         ^
    |
main.cpp:13:5: error: expected unqualified-id before 'return'
 13 |     return sum;
    |     ^~~~~~
main.cpp: In member function 'float Operator::average(int)':
main.cpp:18:5: warning: no return statement in function returning non-void [-Wreturn-type]
 18 |     }
    |     ^
```

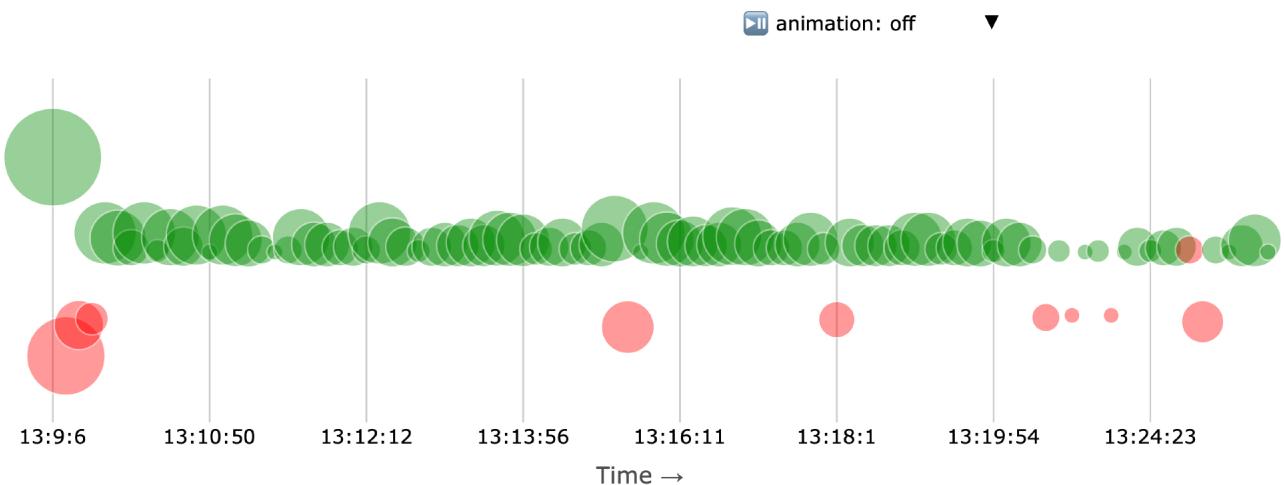
Effort Summary

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.



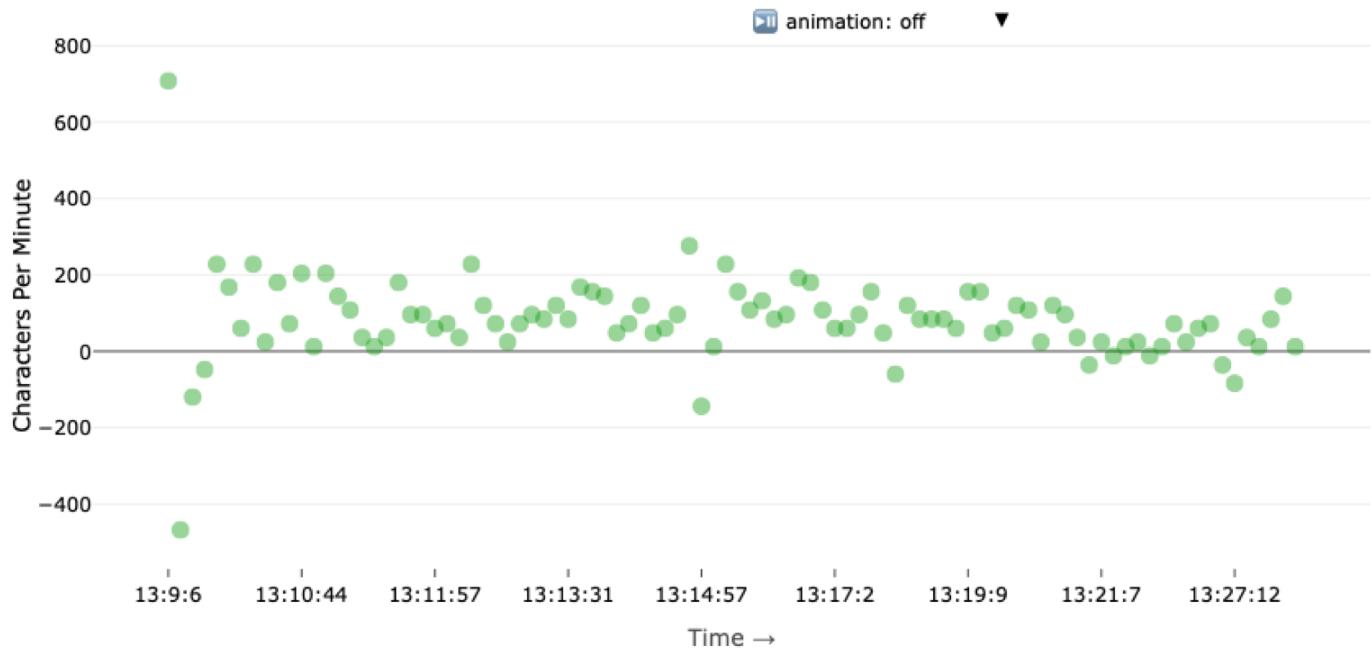
Code Executions

Green and red dots correspond to successful and failed executions.



Typing Speed

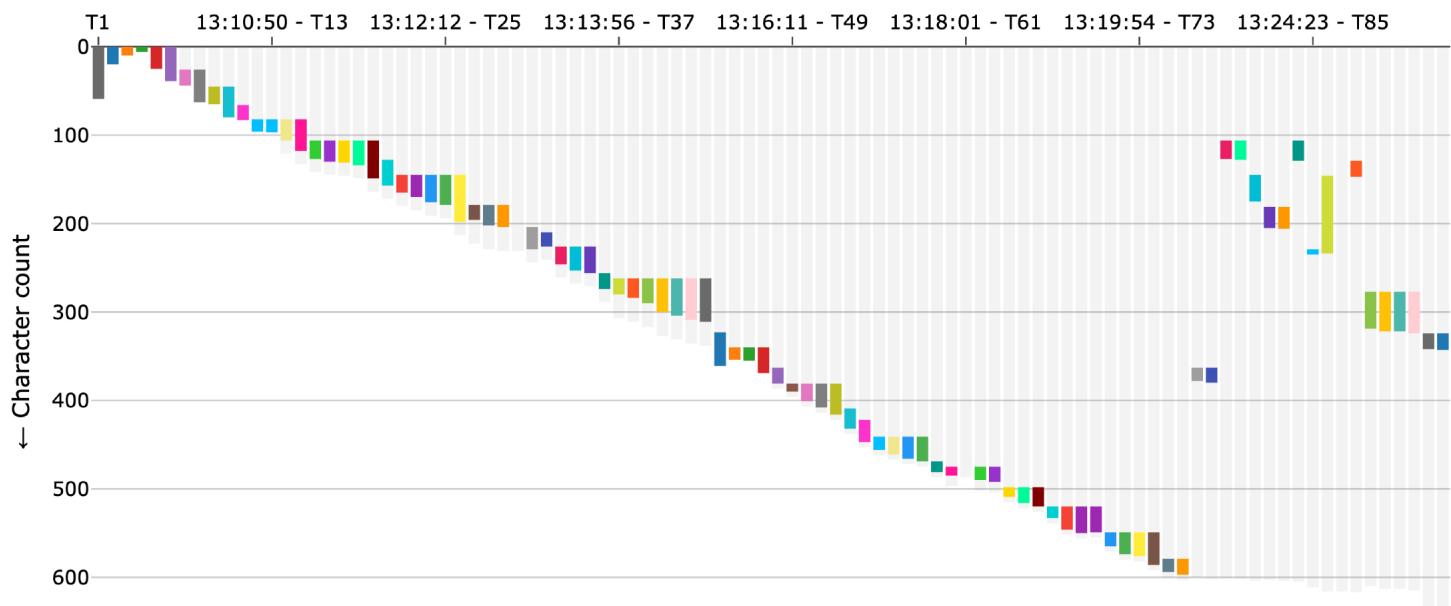
Typing speed can be negative when text is deleted.



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.





Report generated at <https://www.processfeedback.org/> on Dec 11, 2023 1:33:49 PM; Safari 15.4; Mac OS 10.15.7.