

Coding Journey Report

Data visualizations and summaries for exploring a coding journey.

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Task name: Program 1

Typing Time: 3 minutes 25 seconds

Total time spent: 5 minutes 46 seconds

Average typing speed: 37 character(s)/minute

Number of lines: 34

Number of characters: 552

Number of time points: 42 (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>
using namespace std;

class rect{
    private:
        int l,b,a,p;
    public:
        void input()
        {
            cout<<"Enter length and breath of rectangle: ";
            cin>>l>>b;
        }
        int area()
        {
            a=l*b;
            return a;
        }
        int perimeter();
};

int rect::perimeter()
{
    int p;
    p=2*(l+b);
    return p;
}

int main() {
    rect R;
    int a,p;
    R.input();
    a=R.area();
    p=R.perimeter();
    cout<<"\nArea:"<<a<<"\nPerimeter:"<<p;
    return 0;
};
```

Final Execution Output

Output of the most recent code execution.

```
Enter length and breath of rectangle:
Area:50
Perimeter:30
```

Inputs to the Code

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

5 10

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:31:14: error: no match for 'operator=' (operand types are 'rect' and 'int')

```
31 |     a=R.area();  
    |           ^
```

main.cpp:5:7: note: candidate: 'constexpr rect& rect::operator=(const rect&)'

```
5 | class rect{  
  |           ^~~~
```

main.cpp:5:7: note: no known conversion for argument 1 from 'int' to 'const rect&'

main.cpp:5:7: note: candidate: 'constexpr rect& rect::operator=(rect&&)'

main.cpp:5:7: note: no known conversion for argument 1 from 'int' to 'rect&&'

main.cpp:32:19: error: no match for 'operator=' (operand types are 'rect' and 'int')

```
32 |     p=R.perimeter();  
    |           ^
```

main.cpp:5:7: note: candidate: 'constexpr rect& rect::operator=(const rect&)'

```
5 | class rect{  
  |           ^~~~
```

main.cpp:5:7: note: no known conversion for argument 1 from 'int' to 'const rect&'

main.cpp:5:7: note: candidate: 'constexpr rect& rect::operator=(rect&&)'

main.cpp:5:7: note: no known conversion for argument 1 from 'int' to 'rect&&'. [too long EXCEPTION trimmed]

Effort Summary

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

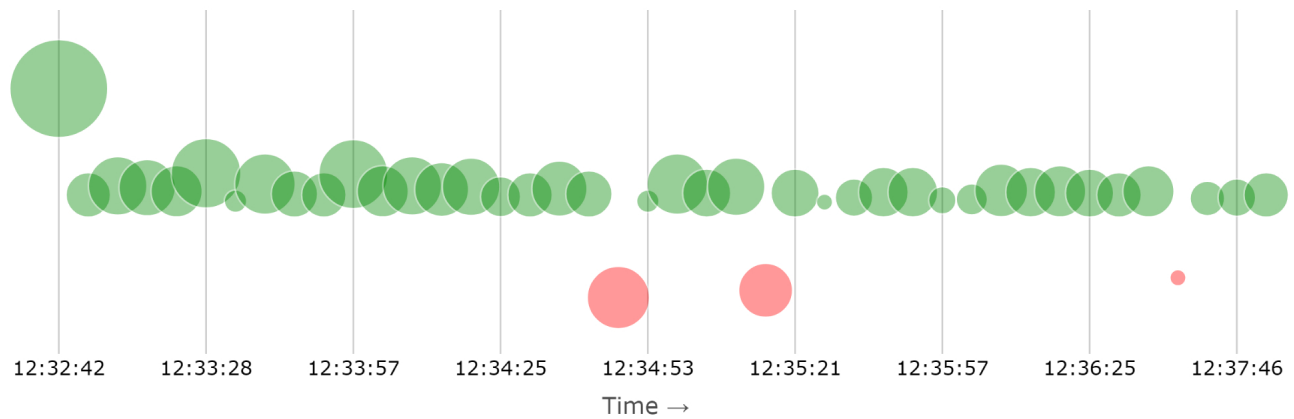
Active:
4 minutes 19 seconds

Thinking:
1 minute 26 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.

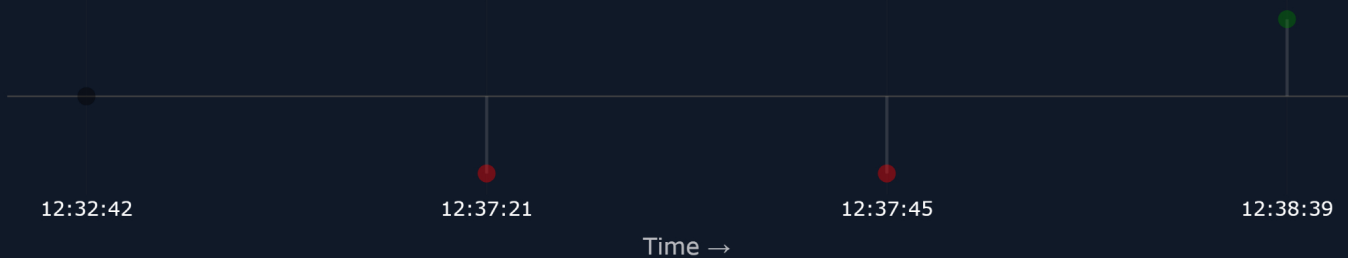
animation: off ▼



Code Executions

Green and red dots correspond to successful and failed executions.

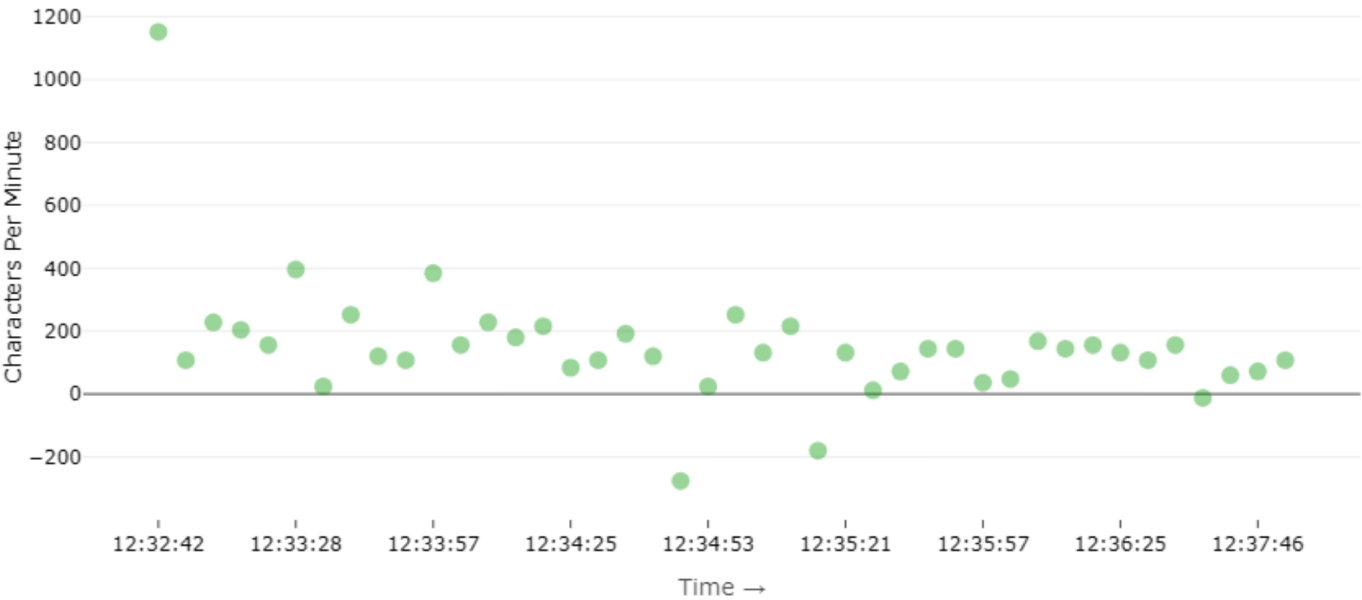
animation: off ▼



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) →

