Coding Journey Report

Data visualizations and summaries for exploring a coding journey.

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Task name: Program 5 correct

Typing Time: 2 minutes 40 seconds

Total time spent: 4 minutes 33 seconds

Average typing speed: 35 character(s)/minute

Number of lines: 22

Number of characters: 407

Number of time points: 33 (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
==+==

/* Display character with default value */
#include <iostream>
using namespace std;

void display(int n=1,char a='j')
{
    cout<<endl;
    for(int i=0;i<n;i++){
        cout<<a<<endl;
    }
    cout<<n;
}


int main() {
    int n;
    char a;
    cout<<"Enter number";
    cin>>n;
    cout << "\nEnter character";
    cin>>a;
    display(n,a);
    display(5);
    return 0;
};
```

Final Execution Output

Output of the most recent code execution.

```
Enter number
Enter character
a
a
2
j
j
j
j
j
5
```

2
a

Most Common Error

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

```
EXCEPTION:
main.cpp: In function 'void display(char, int)':
main.cpp:7:9: error: 'cout' was not declared in this scope; did you mean 'std::cout'?
    7 |         cout<<a<<endl;
      |         ^~~~
      |         std::cout
In file included from main.cpp:2:
/usr/local/gcc-9.2.0/include/c++/9.2.0/iostream:61:18: note: 'std::cout' declared here
   61 |    extern ostream cout;  /// Linked to standard output
      |                   ^~~~
main.cpp:7:18: error: 'endl' was not declared in this scope; did you mean 'std::endl'?
    7 |         cout<<a<<endl;
      |                  ^~~~
      |                  std::endl
In file included from /usr/local/gcc-9.2.0/include/c++/9.2.0/iostream:39,
                 from main.cpp:2:
/usr/local/gcc-9.2.0/include/c++/9.2.0/ostream:599:5: note: 'std::endl' declared here
  599 |     endl(basic_ostream<_CharT, _Traits>& __os)
      |     ^~~~
main.cpp:9:5: error: 'cout' was not declared in this scope; did you mean 'std::cout'?
    9 |     cout<<n;
      |     ^~~~
 ... [too long EXCEPTION trimmed]
```
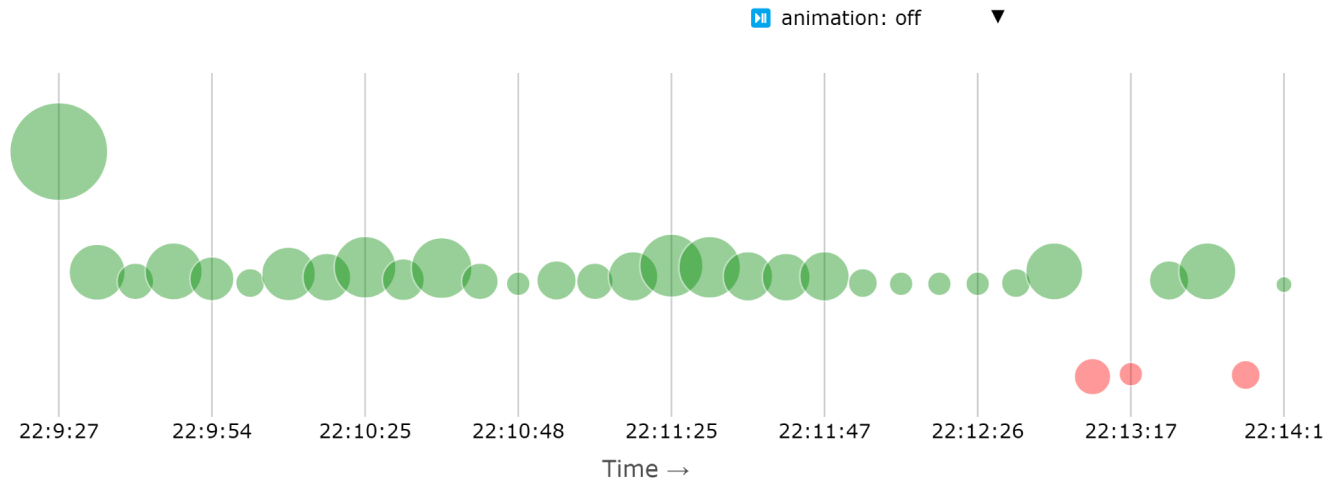
Effort Summary

Active durations while working on the task, shown as green bars.
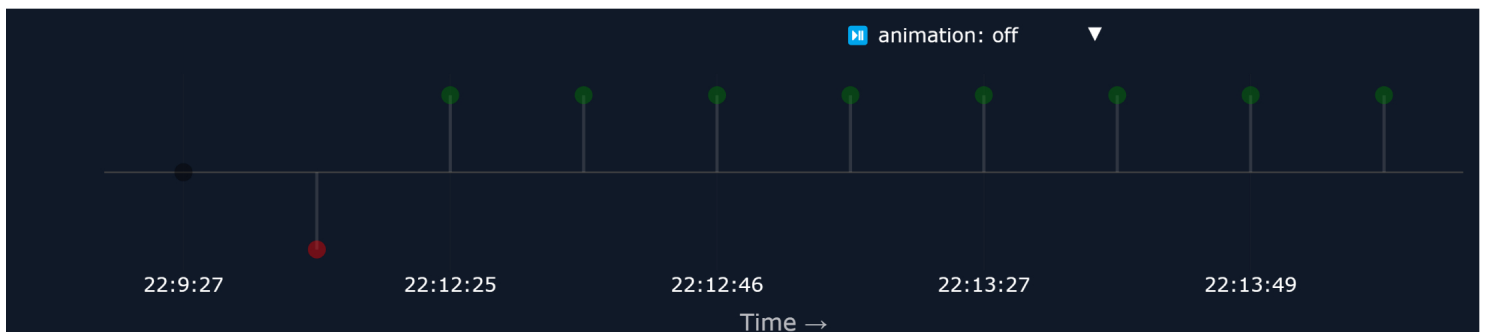
Active:
4 minutes 33 seconds

Text Added or Removed Over Time

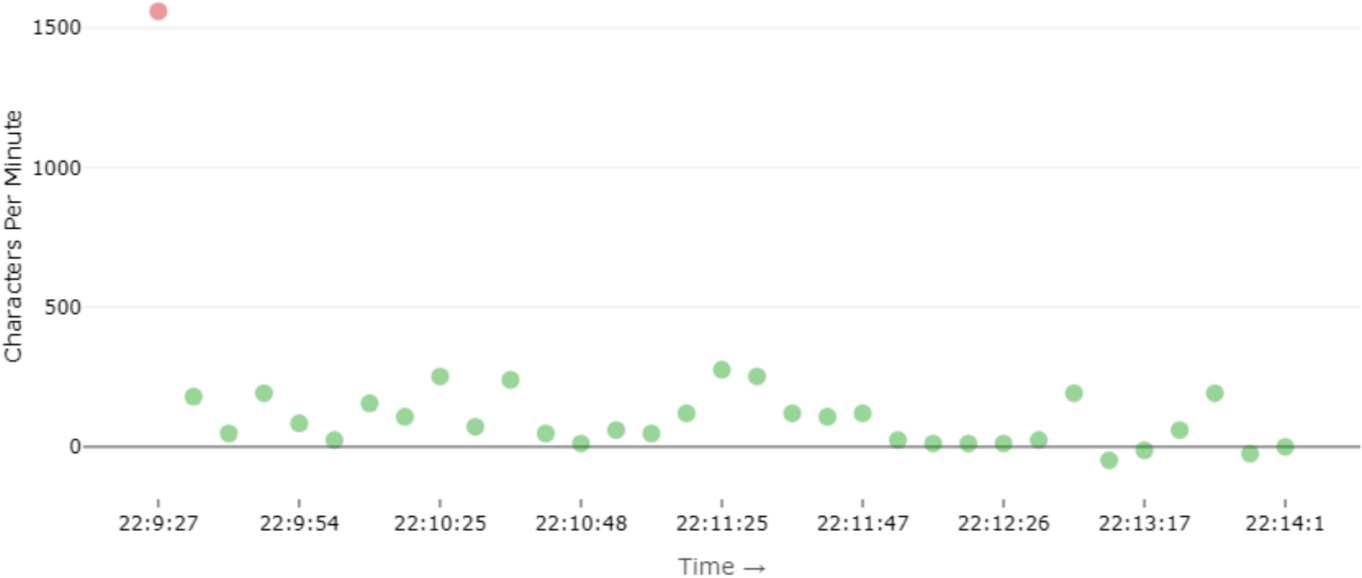Green and red circles show text add and removed; size of the circle shows change in the number of characters.

animation: off ▼

22:9:27　22:9:54　22:10:25　22:10:48　22:11:25　22:11:47　22:12:26　22:13:17　22:14:1

Time →

Code Executions

Green and red dots correspond to successful and failed executions.

animation: off ▼

22:9:27　22:12:25　22:12:46　22:13:27　22:13:49

Time →

Typing Speed

Typing speed can be negative when text is deleted.

▶❙ animation: off ▼

Characters Per Minute

1500

1000

500

0

22:9:27   22:9:54   22:10:25   22:10:48   22:11:25   22:11:47   22:12:26   22:13:17   22:14:1

Time →

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) →