

# Coding Journey Report

Data visualizations and summaries for exploring a coding journey.

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Task name: Program 2

Typing Time: 3 minutes 15 seconds

Total time spent: 9 minutes 42 seconds

Average typing speed: 41 character(s)/minute

Number of lines: 32

Number of characters: 616

Number of time points: 40 (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.

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```
==+==
FILE: Main.cpp
==+==

/* Program 2 */
#include <iostream>
#include <math.h>

class dist{
    int x1,y1,x2,y2;
    float dis;

public:
    void getdata(int a,int b,int c,int d)
    {
        x1=a;
        y1=b;
        x2=c;
        y2=d;
    }

    float calcddata()
    {
        dis=sqrt(pow((x2-x1),2)+pow((y2-y1),2));
        return dis;
    }
};

using namespace std;
int main() {
    int x1,y1,x2,y2;
    float result;
    dist D;
    cout<<"Enter coordinates of x,y:";
    cin>>x1>>y1>>x2>>y2;
    D.getdata(x1,y1,x2,y2);
    result = D.calcddata();
    cout<<"\nDistance:"<<result;
    return 0;
};
```

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## Final Execution Output

Output of the most recent code execution.

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```
Enter coordinates of x,y:
Distance:2.82843
```

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## 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.

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EXCEPTION:

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

main.cpp:31:26: error: 'void dist::getdata(int, int, int, int)' is private within this context

```
31 |     D.getdata(x1,y1,x2,y2);
    |                      ^
```

main.cpp:9:10: note: declared private here

```
9 |     void getdata(int a,int b,int c,int d)
  |           ^~~~~~
```

main.cpp:32:25: error: 'int dist::calcddata()' is private within this context

```
32 |     result = D.calcddata();
    |                      ^
```

main.cpp:17:9: note: declared private here

```
17 |     int calcddata()
    |     ^~~~~~
```

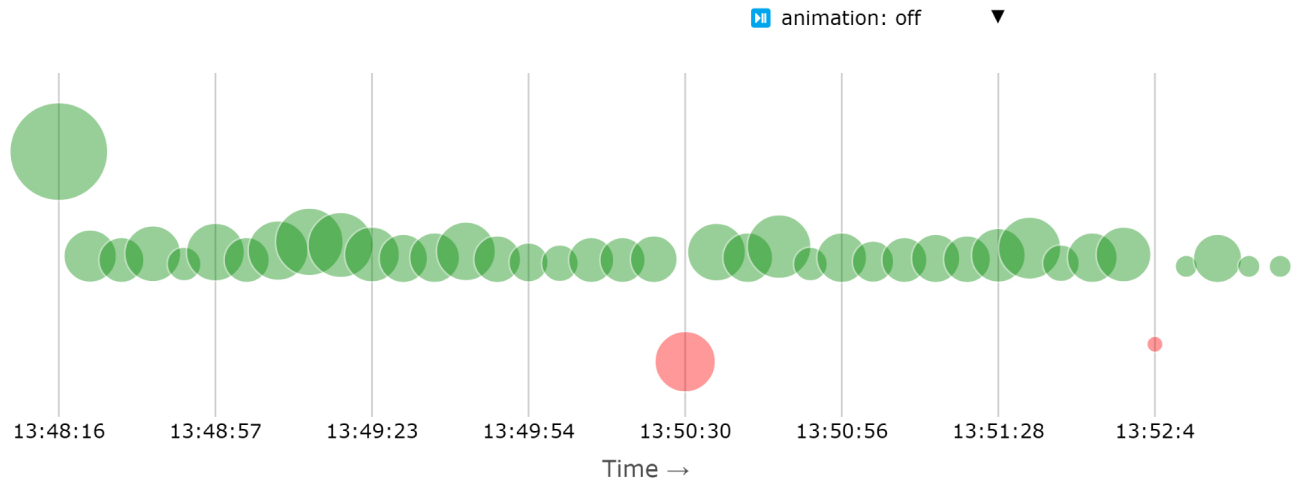
## Effort Summary

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



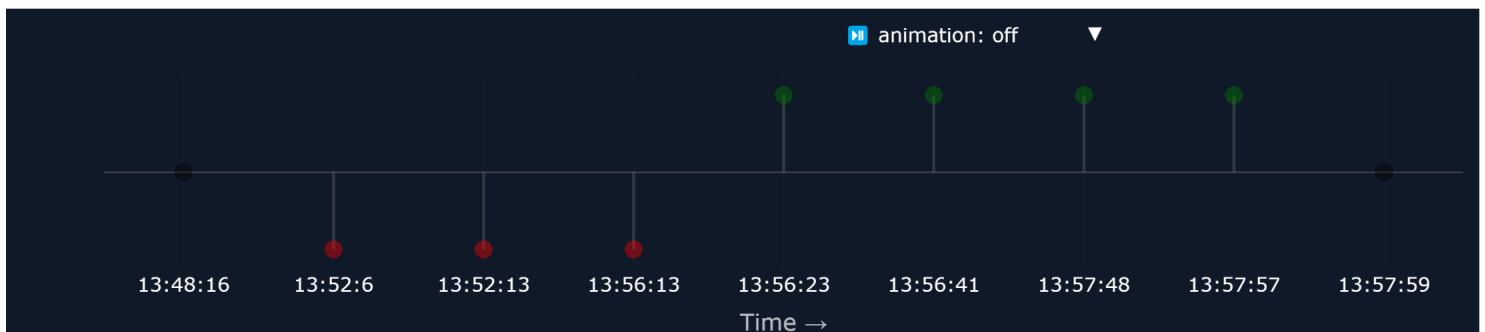
## Text Added or Removed Over Time

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



## Code Executions

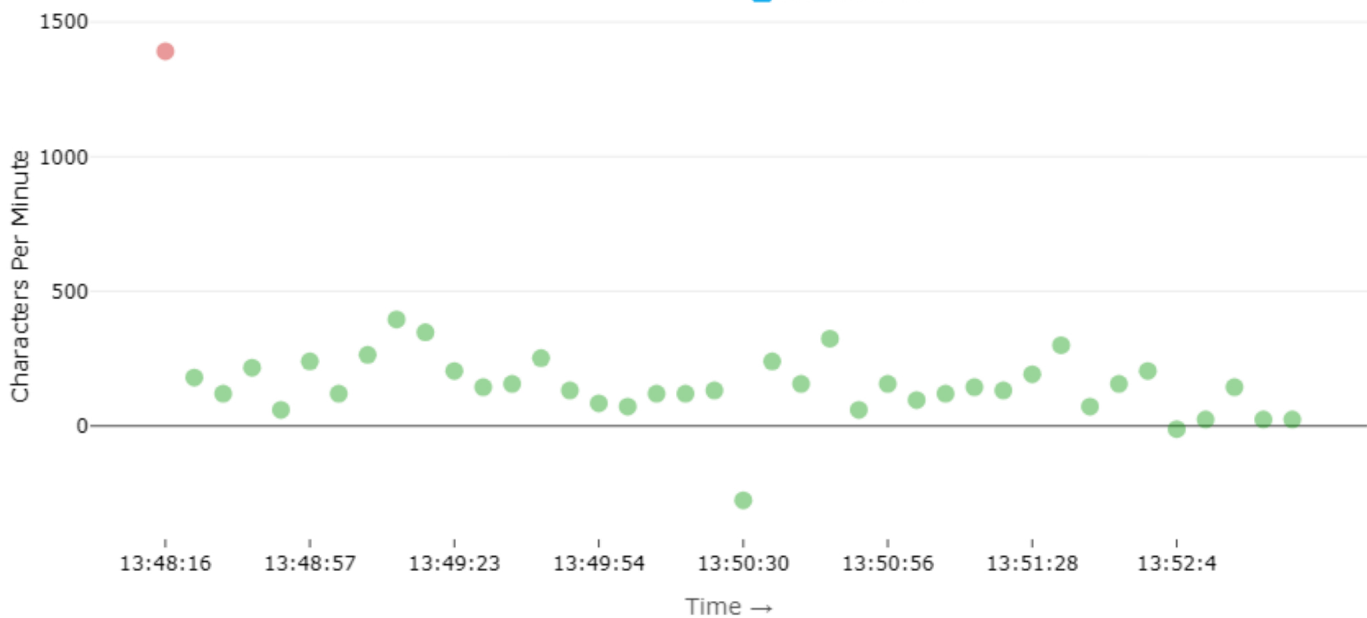
Green and red dots correspond to successful and failed executions.



## 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) →

