Coding Journey Report

Data visualizations and summaries for exploring a coding journey.

Author: Joyash Shrestha
Task name: Program 3

Typing Time: 5 minutes
Total time spent: 24 minutes 22 seconds
Average typing speed: 28 character(s)/minute

Number of lines: 30
Number of characters: 476
Number of time points: 61 (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 avg{
  private:
  int *p,sum=0;
  float a;

  public:
  void input()
  {
  p=new int[10];
  cout<<"Enter 10 numbers:\n";
  for(int i=0;i<10;i++)
  cin>>p[i];
  }

  void calculate()
  {
  for(int i=0;i<10;i++)
  sum=sum+p[i];
  a=static_cast<float>(sum)/10.0;
  cout<<"Average is "<<a;
  delete []p;
  }
};
int main() {
  avg A;
  A.input();
  A.calculate();

  return 0;
};
```

```
Enter 10 numbers:
Average is 5.5
```

Inputs to the Code

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

```
1 2 3 4 5 6 7 8 9 10
```

Most Common Error

The most common error that occured during the coding process; "null" (if any) indicates no errors.
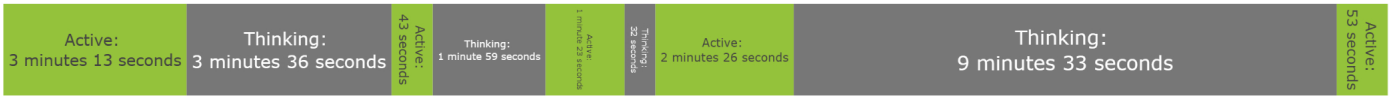
```
EXCEPTION:
main.cpp: In function 'int main()':
main.cpp:31:12: error: 'p' was not declared in this scope
   31 |    delete []p;
      |             ^
```
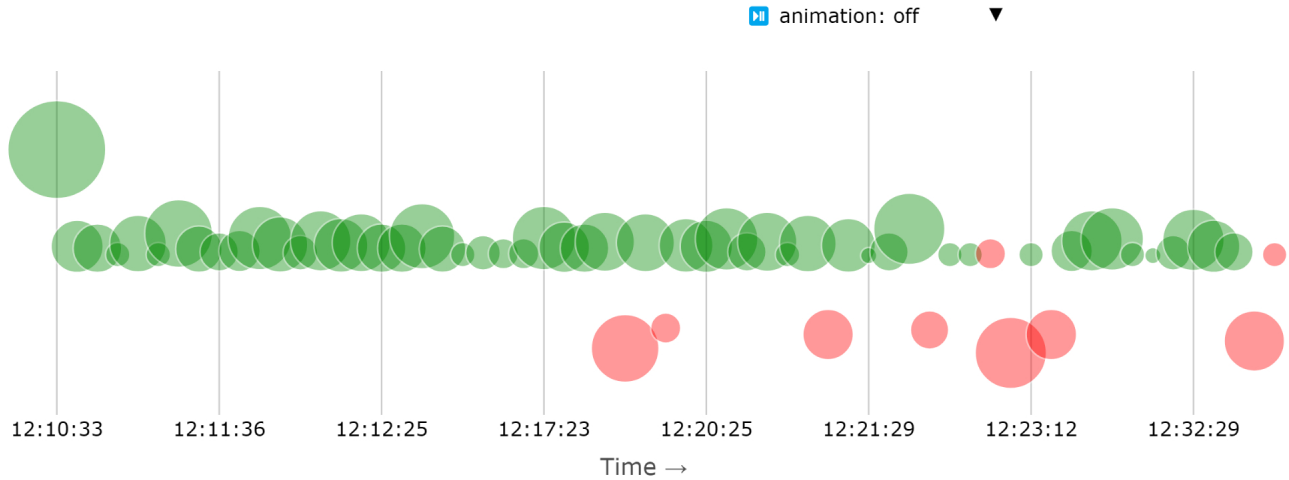
Effort Summary

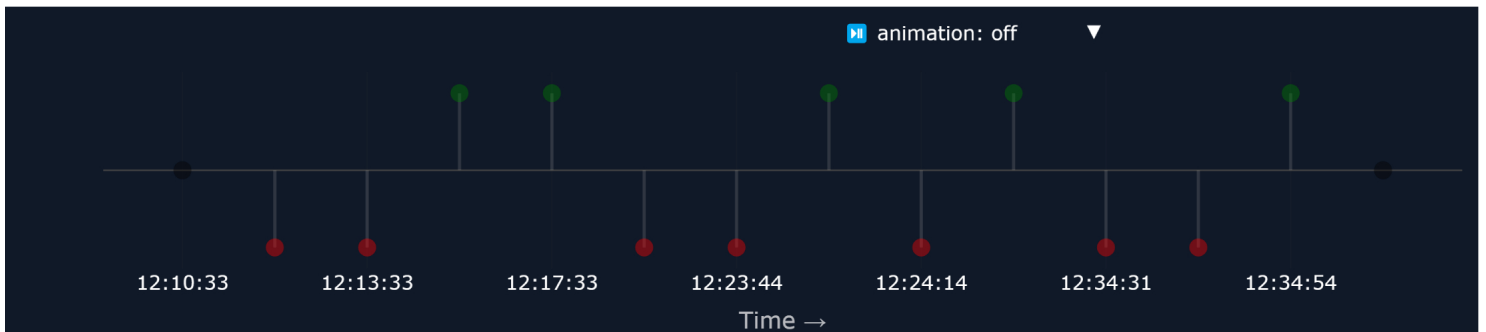Active durations while working on the task, shown as green bars.

| Active: 3 minutes 13 seconds | Thinking: 3 minutes 36 seconds | Active: 43 seconds | Thinking: 1 minute 59 seconds | Active: 1 minute 23 seconds | Thinking: 32 seconds | Active: 2 minutes 26 seconds | Thinking: 9 minutes 33 seconds | Active: 53 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   ▼

12:10:33   12:11:36   12:12:25   12:17:23   12:20:25   12:21:29   12:23:12   12:32:29

Time →

Code Executions

Green and red dots correspond to successful and failed executions.

▶❙ animation: off   ▼

12:10:33   12:13:33   12:17:33   12:23:44   12:24:14   12:34:31   12:34:54

Time →

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) →