# Program 3

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## Coding Journey Summary:

⏱ 7 minutes 40 seconds of active typing | 27 minutes 12 seconds total duration

📄 678 characters | 43 lines

📈 Typing speed: 34 character(s) per minute | Revisions: 92 (logging interval: 5 seconds)

📊 Interactive version of this report is [available here.](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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```cpp
==+==
FILE: Main.cpp
==+==


/* CREATE A CENTIGRADE CLASS INTO OBJECT OF ANOTHER CLASS FAHRENHEIT */
/* DEFINE CONVERSION ROUTINE IN SOURCE CLASS */

#include <iostream>
using namespace std;

class celcius
{

    public:
    float x;
    celcius()
    {
        x=0;
    }

    void display()
    {
        cout<<x;
    }
};

class fahrenheit
{
    float x;

    public:
    fahrenheit()
    {
        x=0;
    }
```

```cpp
        }
        fahrenheit(float a)
        {
            x=a;
        }
        operator celcius()
        {
            celcius temp;
            temp.x=(x-32)*5.0/9.0;
            return temp;
        }

};

int main() {
    fahrenheit T1(50);
    celcius T2;
    T2=T1;
    T2.display();
    return 0;
};
```

---

## Final Execution Output
### Output of the most recent code execution.

```
10
```

---

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

```
EXCEPTION:
main.cpp: In member function 'fahrenheit::operator celcius()':
main.cpp:42:16: error: could not convert 'temp' from 'float' to 'celcius'
    42 |          return temp;
       |                 ^~~~
       |                 |
       |                 float
```
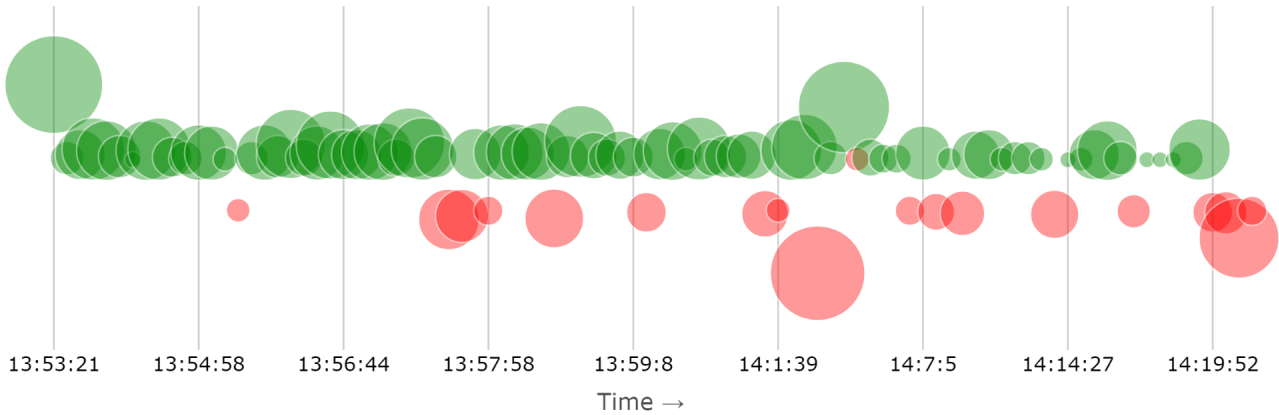
# Active Sessions

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

| Active:<br>2 minutes 20 seconds<br>2024-02-05 13:53:21 | Active:<br>4 minutes 6 seconds<br>2024-02-05 13:56:16 | Active:<br>33 seconds<br>2024-02-05 14:01:34 | Active:<br>46 seconds<br>2024-02-05 14:02:43 | Active:<br>55 seconds<br>2024-02-05 14:10:02 | Active:<br>1 minute 26 seconds<br>2024-02-05 14:19:06 |
|---|---|---|---|---|---|

# Text Added or Removed Over Time

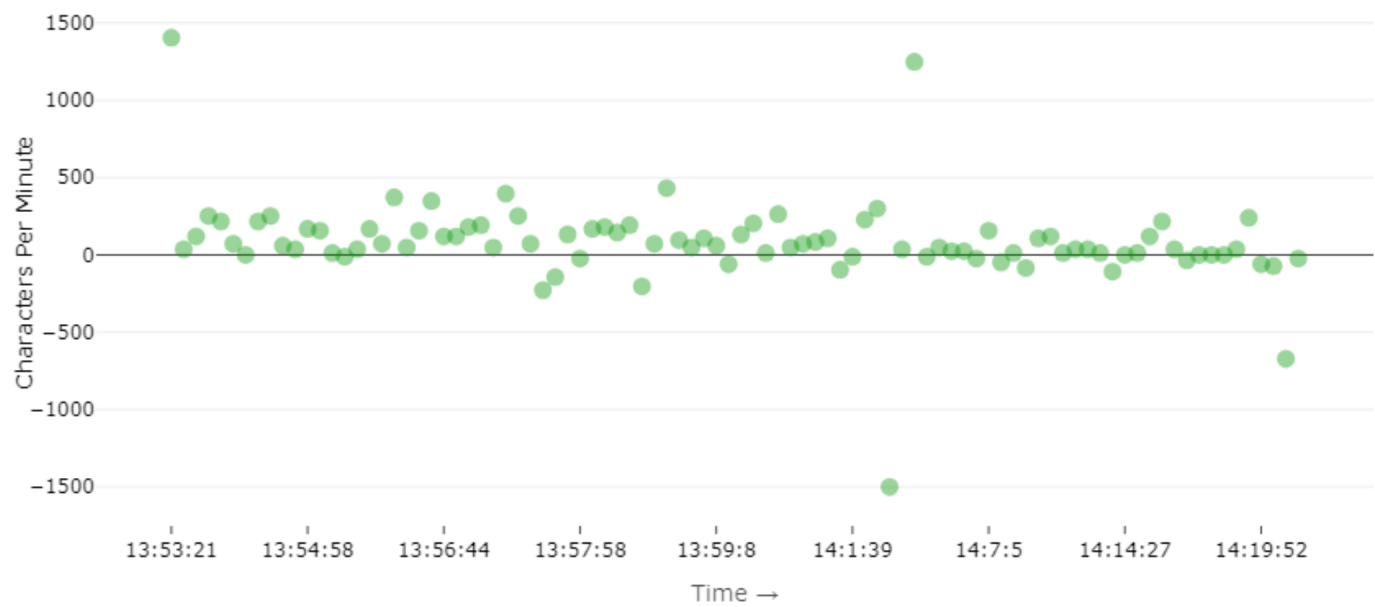Green and red circles show text add and removed; size of the circle shows change in the number of characters.



13:53:21    13:54:58    13:56:44    13:57:58    13:59:8    14:1:39    14:7:5    14:14:27    14:19:52

Time →

# Code Executions

Green and red dots correspond to successful and failed executions.



13:53:21    14:3:30    14:7:17    14:10:58    14:16:59    14:19:53    14:20:33

Time →

# Typing Speed

Typing speed can be negative when text is deleted.



# Edited Line Locations

Each edited line block is assigned a color; highlighted bars show the line(s) edited at that revision.

Time (Revisions) →