



Lab 4 Program 4


By: Joyash Shrestha


ACEM

Coding Journey Summary:

 4 minutes 30 seconds of active typing | 19 hours 19 minutes 32 seconds total duration

 553 characters | 35 lines

 Typing speed: 38 character(s) per minute | Revisions: 54 (logging interval: 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

==+==

```
/* WAP TO OVERLOAD UNARY MINUS OPERATOR USING FRIEND FUNCTION */
```

```
#include <iostream>
```

```
using namespace std;
```

```
class abc
```

```
{
```

```
    int a,b;
```

```
    public:
```

```
    abc()
```

```
    {
```

```
        a=0;
```

```
        b=0;
```

```
    }
```

```
    abc(int x,int y)
```

```
    {
```

```
        a=x;
```

```
        b=y;
```

```
    }
```

```
    friend abc operator -(abc);
```

```
    void display()
```

```
    {
```

```
        cout<<a<<" "<<b;
```

```
    }
```

```
};
```

```
abc operator -(abc temp)
```

```
{
```

```
    temp.a=-temp.a;
```

```
    temp.b=-temp.b;
```

```
    return temp;
```

```
}
```

```
int main() {
```

```
    abc X(1,2),result;
```

```
    result=-X;
```

```
    result.display();
```

```
    return 0;
```

```
};
```

Final Execution Output

Output of the most recent code execution.

-1, -2

Most Common Error

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

EXCEPTION:

main.cpp: In function 'void operator-(abc)':

main.cpp:34:12: error: return-statement with a value, in function returning 'void' [-fpermissive]

```
34 |     return temp;
    |           ^~~~
```

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

main.cpp:38:13: error: no match for 'operator=' (operand types are 'abc' and 'void')

```
38 |     result=-X;
    |           ^
```

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

```
5 | class abc
  |     ^~~
```

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

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

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

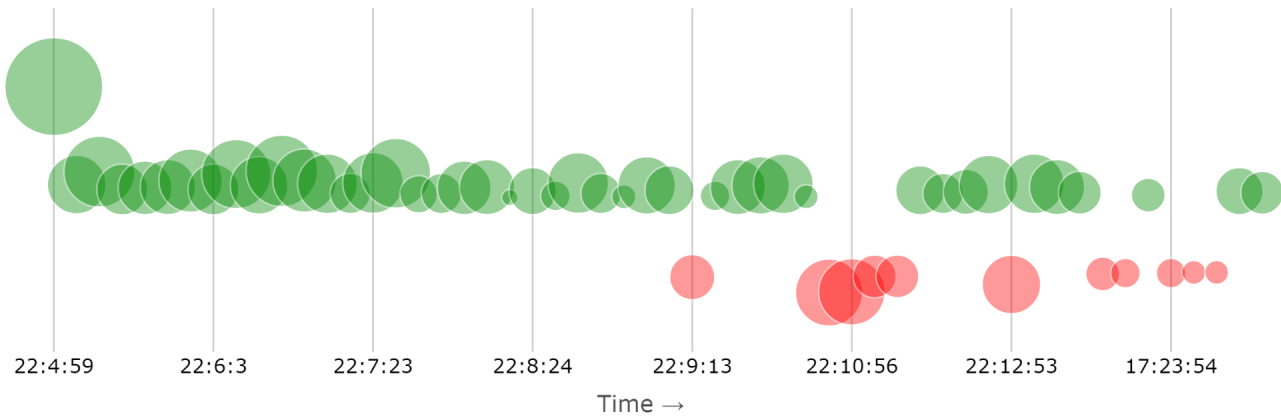
Active Sessions

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



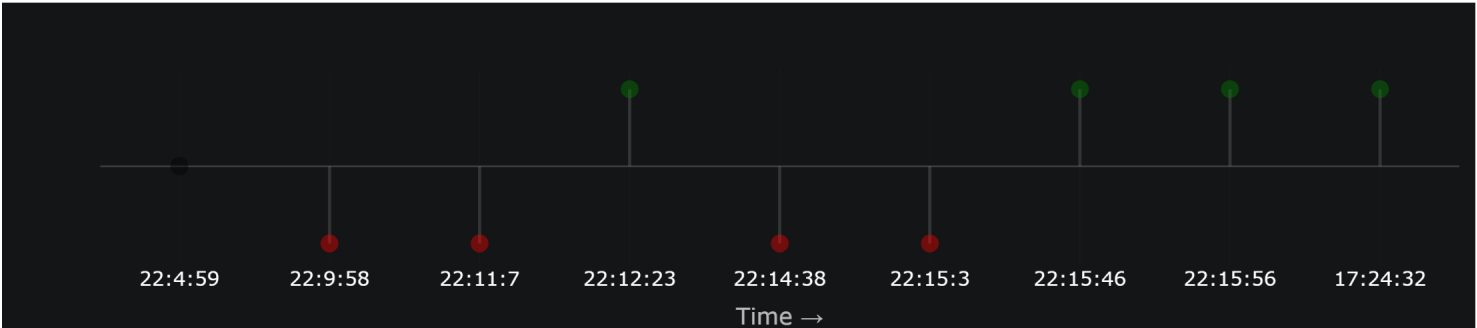
Text Added or Removed Over Time

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



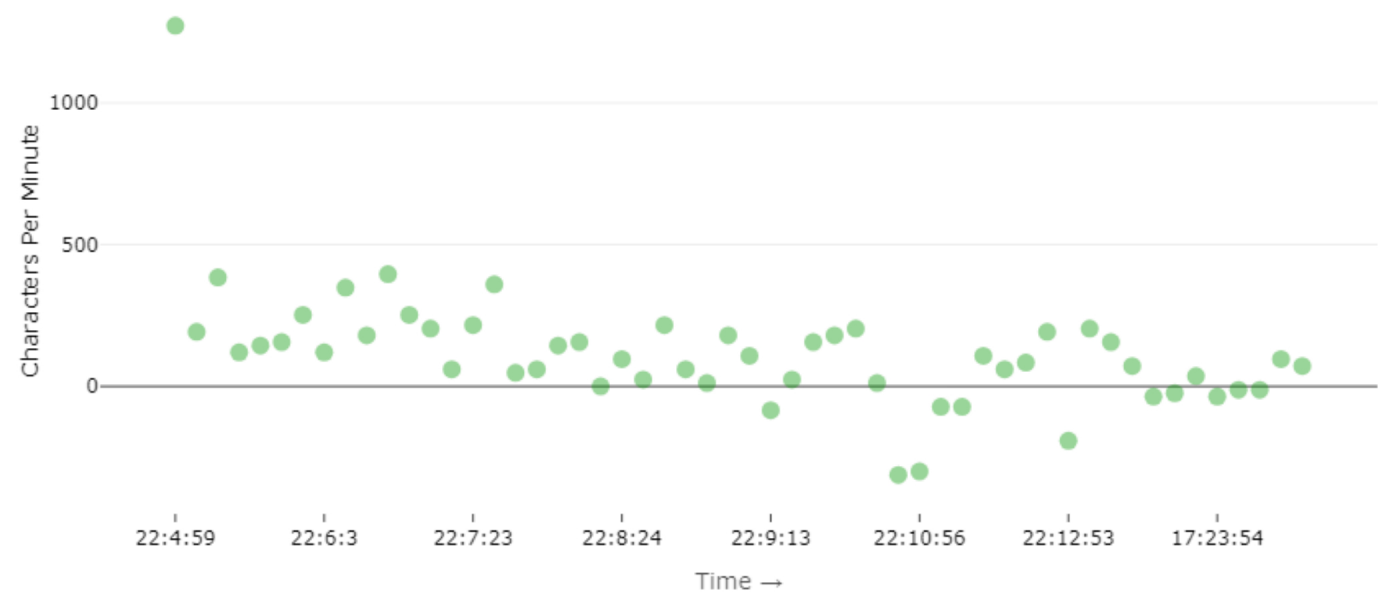
Code Executions

Green and red dots correspond to successful and failed executions.



Typing Speed

Typing speed can be negative when text is deleted.



Edited Line Locations

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

Time (Revisions) →

