

Coding Journey Report

Data visualizations and summaries for exploring a coding journey.

Author: Krishna Poudel

Task name: Thousand separator

Typing Time: 10 minutes 50 seconds

Total time spent: 1 hour 32 minutes 37 seconds

Average typing speed: 25 character(s)/minute

Number of lines: 24

Number of characters: 708

Number of time points: 131 (Logged at 5 seconds)

Question:

Programming task. Write a program that takes a digit in as a string and adds commas at appropriate places. For example, "10000000" should be "10,000,000". Please write test cases first.

Final Code

If the code contains more than one file, they are concatenated and shown.

```
def thousand_separator(x):
    x = x[::-1]
    y = ""
    num_pieces = int(len(x) / 3)
    trail = int(len(x) % 3)
    for i in range(num_pieces):
        j = i * 3
        y = y + x[j:j+3] + ","
    if trail == 0:
        y = y[:-1]
    y = y + x[len(x)-trail:]
    return y[::-1]

# Test cases
print(thousand_separator("10"))
print(thousand_separator("100"))
print(thousand_separator("1000"))
print(thousand_separator("10000"))
print(thousand_separator("100000"))
print(thousand_separator("1000000"))
print(thousand_separator("10000000"))
print(thousand_separator("100000000"))
print(thousand_separator("1000000000"))
print(thousand_separator("10000000000"))
print(thousand_separator("100000000000"))
```

Final Execution Output

Output of the most recent code execution.

There were no execution !

Most Common Error

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

There were no errors !

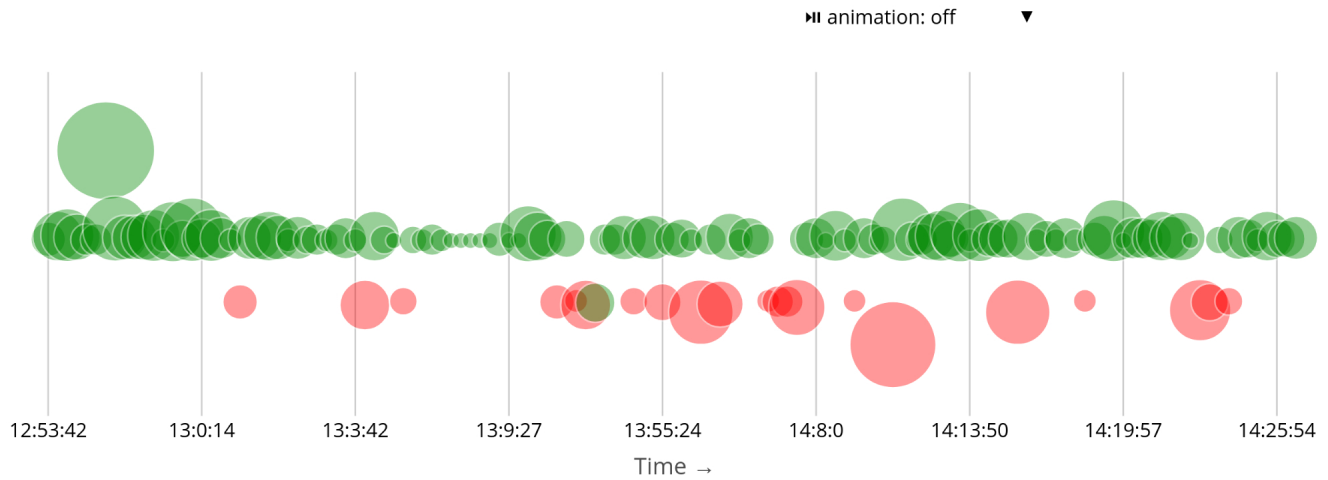
Effort Summary

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



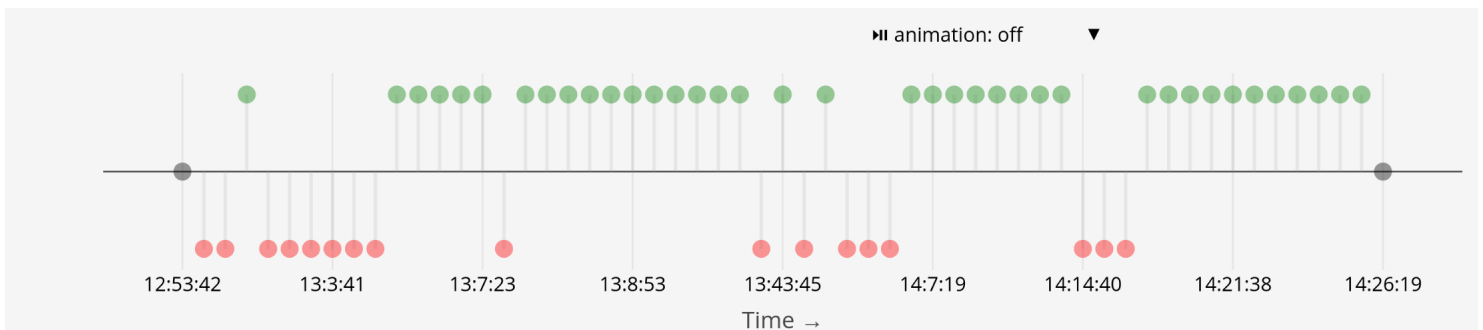
Text Added or Removed Over Time

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



Code Executions

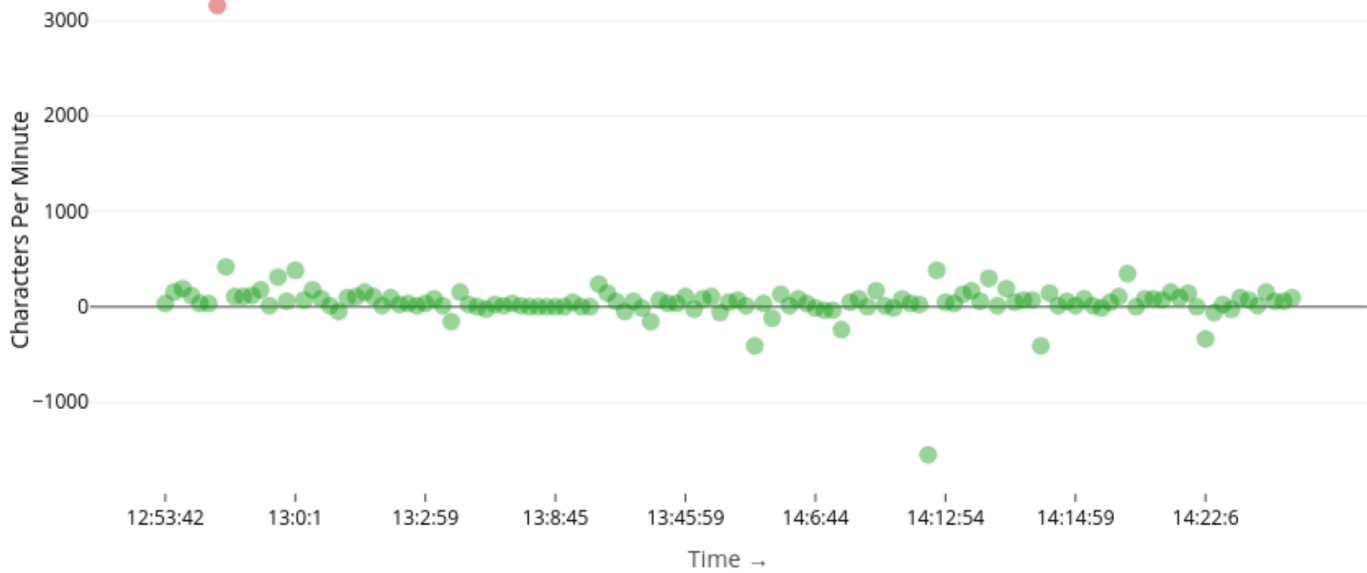
Green and red dots correspond to successful and failed executions.



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

