

Programming in the Past

CMPT 331 - Spring 2023 | Dr. Labouseur

Josh Seligman | joshua.seligman1@marist.edu

January 17, 2023

1 LOG

1.1 PREDICTON

I am predicting that it will take me around **20 hours (average of 4 hours per programming language)** for me to learn Fortran, COBOL, BASIC, Pascal, and Scala and build a Caesar cipher in each language. This is an extremely rough estimate as I have never used any of these programming languages before and will have to learn each of them starting with "hello world." I am sure that I will have moments of staring at my computer screen for extended periods of time due to a weird nuance or gimmick in at least one of these programming languages that is not common in more modern languages. However, despite my lack of familiarity with these languages, I am hoping that there will be some nice similarities between them, so my approach to writitng the Caesar cipher does not drastically change between them, and each implementation can easily be compared to each other on an even playing field.

1.2 PROGRESS LOG

Date	Hours Spent	Tasks / Accomplishments / Issues / Thoughts
January 17	0 hours	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla fringilla arcu quis feugiat cursus. Morbi a arcu vitae erat consectetur rhoncus nec ac augue. Nunc fringilla, diam a pellentesque feugiat, augue magna porta justo, lacinia viverra neque lacus non odio. Curabitur vehicula odio nec hendrerit ullamcorper. Phasellus elementum posuere libero, non efficitur nisl vulputate id. Pellentesque tincidunt nunc nunc, sed vehicula justo tempor nec. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vivamus non sapien at sem eleifend sollicitudin eget id nibh. Morbi a nulla nec velit sollicitudin pretium et ut lorem. Etiam sit amet mollis velit, non convallis libero. Phasellus vestibulum euismod ante. Nulla sem elit, mattis a interdum vel, maximus porta purus. Phasellus ac facilisis mauris. Phasellus vulputate magna et lectus tempor, vel venenatis arcu iaculis. Mauris facilisis varius odio non imperdiet. Morbi eu euismod orci.

1.3 FINAL RESULTS AND ANALYSIS

2 COMMENTARY

2.1 FORTRAN

2.2 COBOL

2.3 BASIC

2.4 PASCAL

2.5 PROCEDURAL SCALA

3 CONCLUSION