Here is the Lab Write Up for a C++ Program to for solving linear differential equations using the Modified Euler’s Method.
The Write-Up consists of Algorithm, Flow Chart, Program, and screenshots of the sample outputs.

You can download the pdf file here: mod-euler.pdf

The embedded document below will be visible properly only on a desktop/laptop device.
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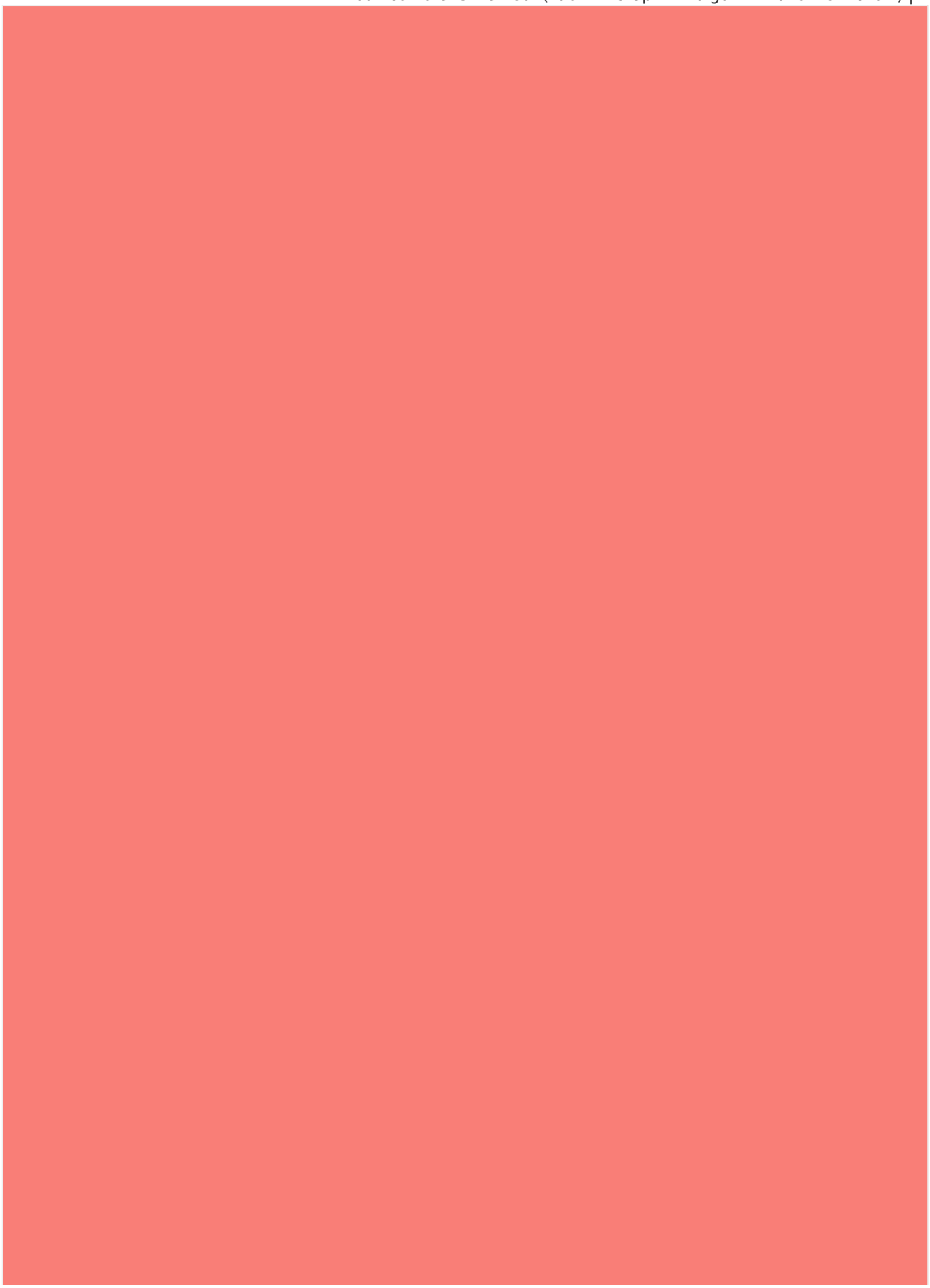
Explaination of the code:

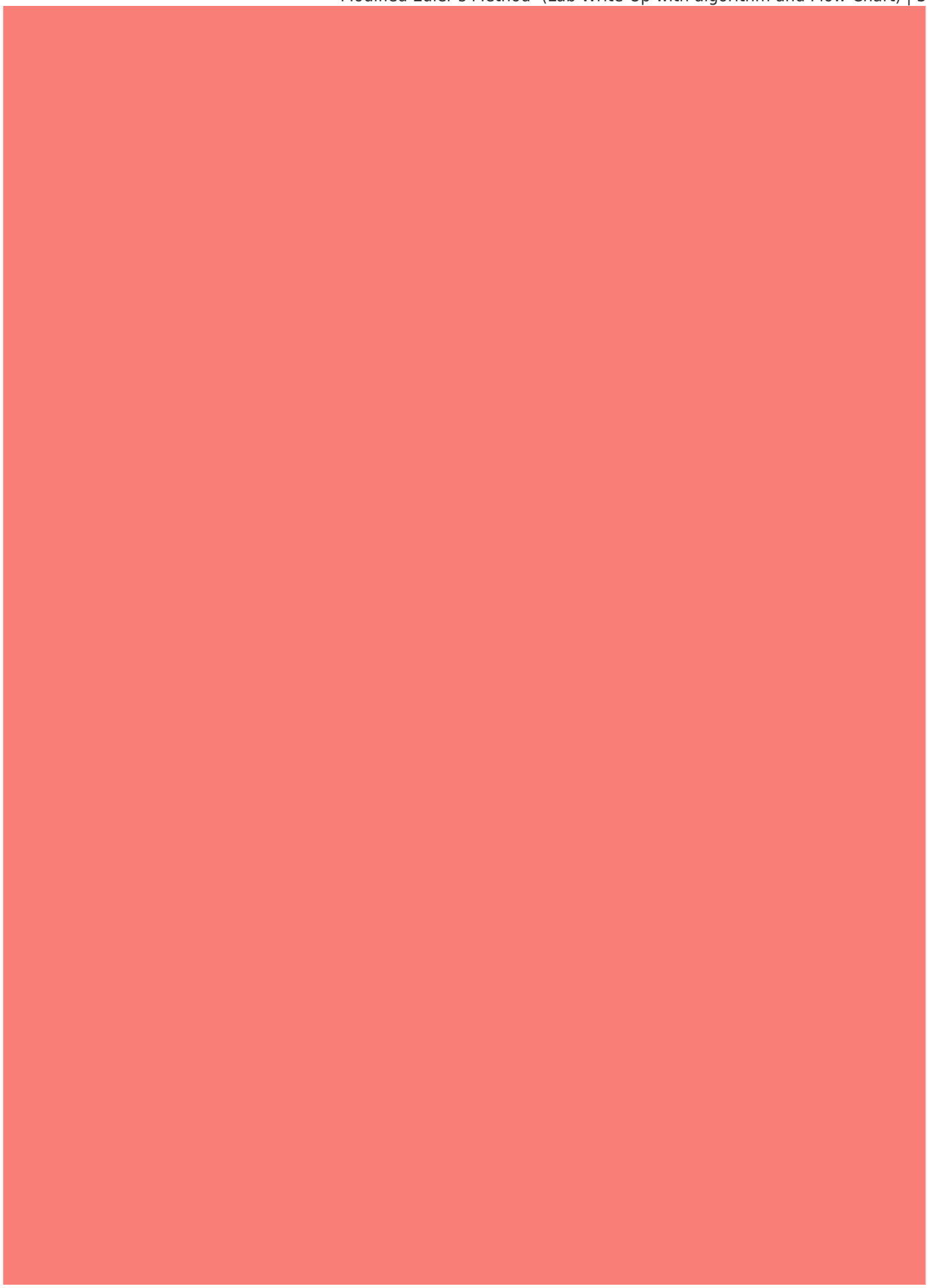


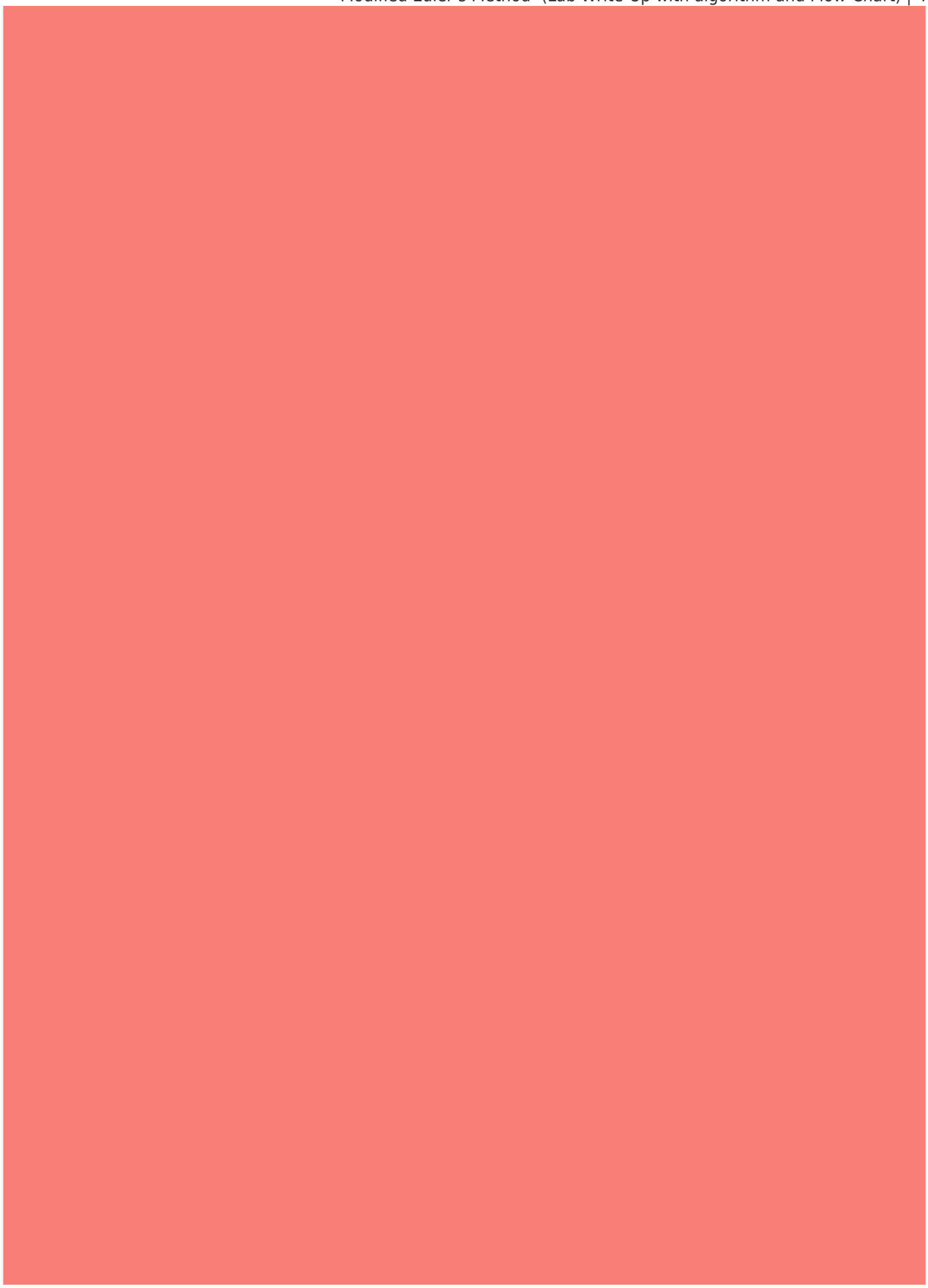
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I’m a physicist specializing in computational material science with a PhD in Physics from Friedrich-Schiller University Jena, Germany. I write efficient codes for simulating light-matter interactions at atomic scales. I like to develop Physics, DFT, and Machine Learning related apps and software from time to time. Can code in most of the popular languages. I like to share my knowledge in Physics and applications using this Blog and a YouTube channel.

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