# 02257 - Applied Functional Programming

DTU - Technical University of Denmark

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# Drawing Trees

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### Abstract

This project presents the drawing of trees and it is based on the journal article *"FUNCTIONAL PEARLS - Drawing Trees", Andrew J. Kennedy*, which describes the application of functional programming techniques.

We explore the advantages of a functional programming language, specifically F#. The resulting product is a program that can render a tree in a aesthetically pleasing manner. Furthermore, the program is tested for its correctness with property-based testing.

# 1 Contributions

|  | Implementation | Report |
|---|---|---|
| Max | All | 1, 3.2, 6 |
| Minki Chun | All | 2, 6 |
| Daniel | All | 3, 3.2, 4 |

Table 1: Collaboration table