

Title

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1 Introduction

A demonstration of [literate programming](#) using [Quarto](#) and [Julia](#). Knuth ¹ says always be literate (Knuth 1984).

This document is set to render as an html document with options set for code-folding, a table of contents, and to allow copying of code when hovering over a code block.

Let's begin with the basics.

1.1 Hello, World!

```
print("Hello, World!")
```

Hello, World!

¹[Donald Knuth](#) is a famous computer scientist.

1.2 A Calculation

```
2 + 2
```

4

1.3 A Plot

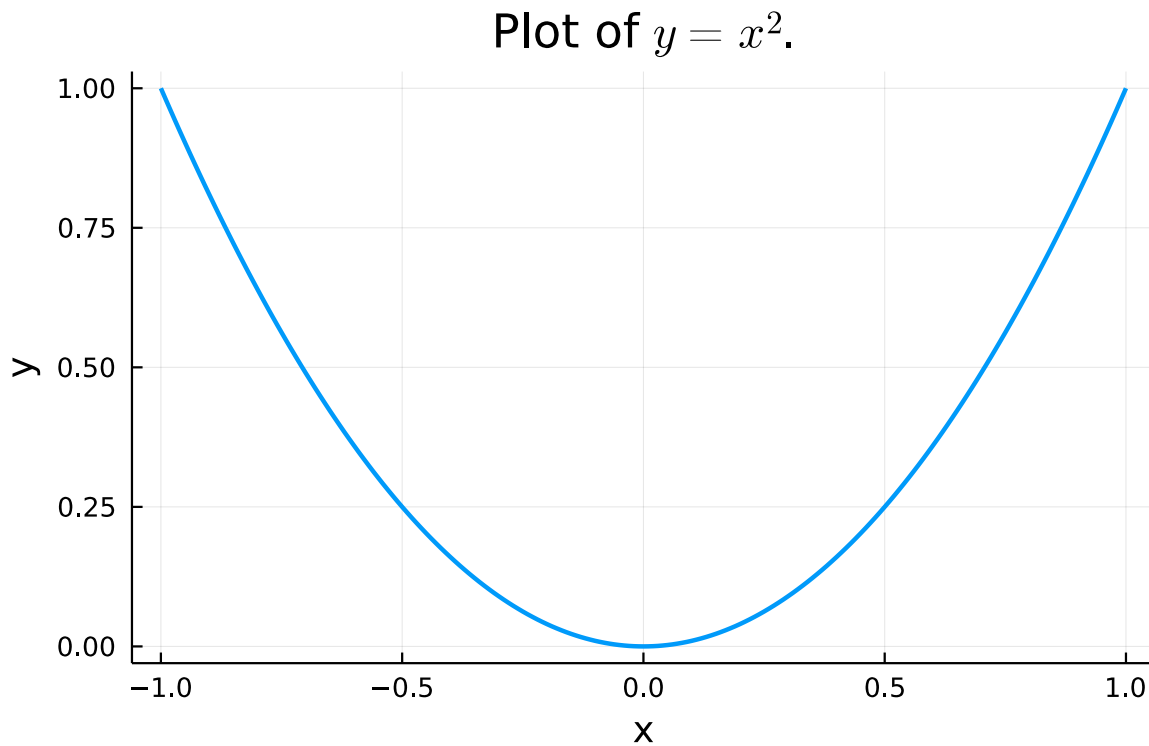


Figure 1: Plot of $y = x^2$ over $[-1, 1]$

Figure 1 shows the result.

References

Knuth, Donald Ervin. 1984. “Literate Programming.” *The Computer Journal* 27 (2): 97–111.