H1 Header

H2 Header

H3 Header

H4 Header

H5 Header

H6 Header

Text Styling

This is **bold** text.
This is *italic* text.
This is ***bold and italic*** text.
This is ~~strikethrough~~ text.
This is `inline code`.

> *This is a blockquote.*
>
> > Nested blockquote.

Lists

Unordered

- Item 1
- Item 2
  - Subitem 2.1
  - Subitem 2.2

Ordered

1. First item
2. Second item
   1. Subitem 2.1
   2. Subitem 2.2

Task List

- [ ] Unchecked task
- [x] Checked task

Links

Inline link: OpenAI
Reference-style link: Google
Autolink: https://example.com

Images

Code

Inline `code`

Inline `code` in a sentence.

Code block

```
// JavaScript example
function greet(name) {
  console.log(`Hello, ${name}!`);
}
greet("World");
```

```
# Bash example
echo "Hello, terminal!"
```

Tables

Syntax	Description
Header	Title
Cell	Data

Horizontal Rule

Emoji

Here is a smiley 😄
Here is a rocket 🚀
Here is an antenna: 📡

HTML Content

This is a styled div using raw HTML

Footnotes

Single Line Footnote

Here is a footnote reference.[1]

Multiple Lines Footnote

Here is a long footnote reference.[2]

Subscript and Superscript

Subscript: H_2O
Superscript: 29^{th}

Containers

Tip container

> *Don’t forget*

Info container

> You are beautiful!

Warning container

> **He’s coming for you!**

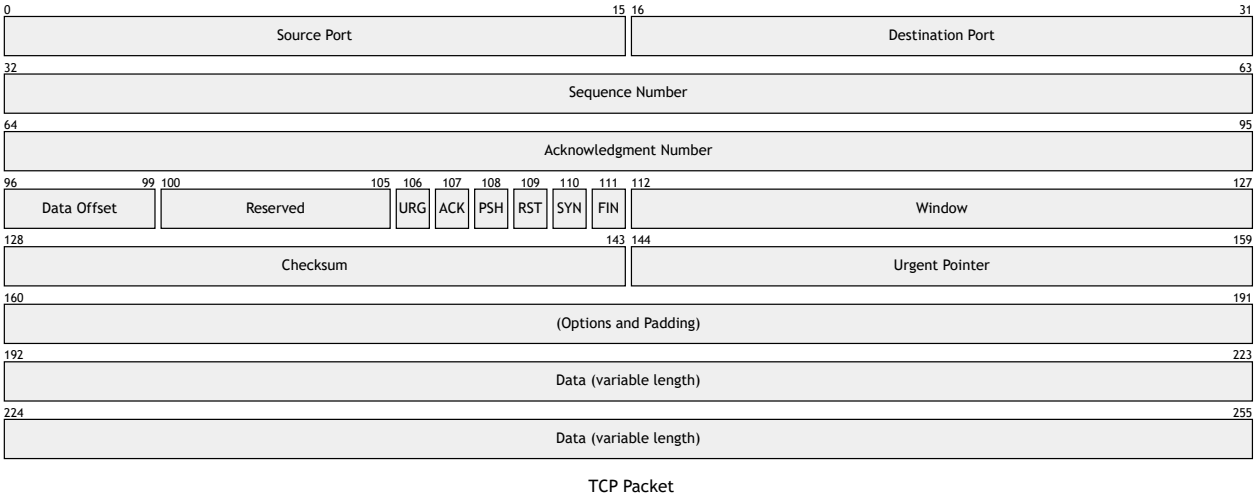
Spoiler container

▼ HIDDEN SURPRISE *(shown)*

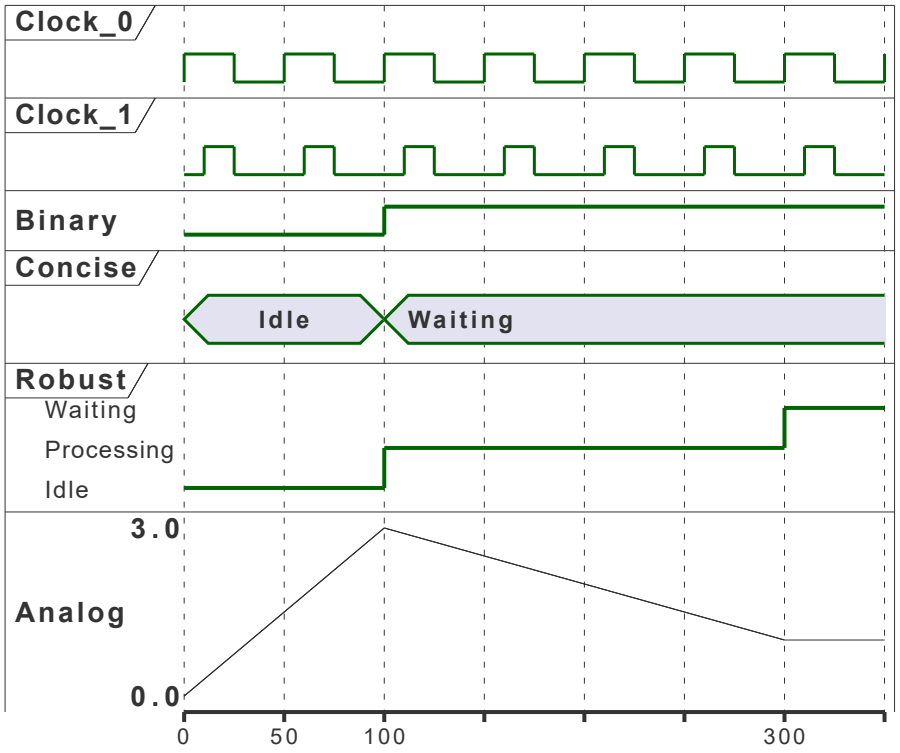
Gotcha!

Pagebreak

Mermaid Diagram



PlantUML Diagram



Solving a System of Linear Equations

Here is an example of inline math:

The slope of the line is given by $m = \frac{y_2 - y_1}{x_2 - x_1}$.

Now let's write a system of equations using KaTeX display math:

$$2x + 3y = 6$$
$$4x - y = 5$$

Step 1: Multiply the second equation by 3

$$2x + 3y = 6$$
$$12x - 3y = 15$$

Step 2: Add the two equations

$$(2x + 3y) + (12x - 3y) = 6 + 15$$
$$14x = 21$$

Step 3: Solve for x

$$x = \frac{21}{14} = \frac{3}{2}$$

Step 4: Substitute x back into the first equation

$$2\left(\frac{3}{2}\right) + 3y = 6$$

$$3 + 3y = 6 \Rightarrow 3y = 3 \Rightarrow y = 1$$

✅ Final Answer

$$\boxed{x = \frac{3}{2}, \quad y = 1}$$

---

1. This is the footnote. ↩

2. Here's one with multiple blocks. Subsequent paragraphs are indented to show that they belong to the previous footnote. Like So. ↩