

# test 1 github sync

Welcome to the **ultimate** Markdown test! Let's see if your PDF exporter can handle it all. 😎

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## Images



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## LaTeX

Render complex mathematical expressions with [KaTeX](#).

For larger or more prominent equations, use **block-level math**:

$$B(x,y)=\int_0^1 t^{x-1}(1-t)^{y-1}dt$$

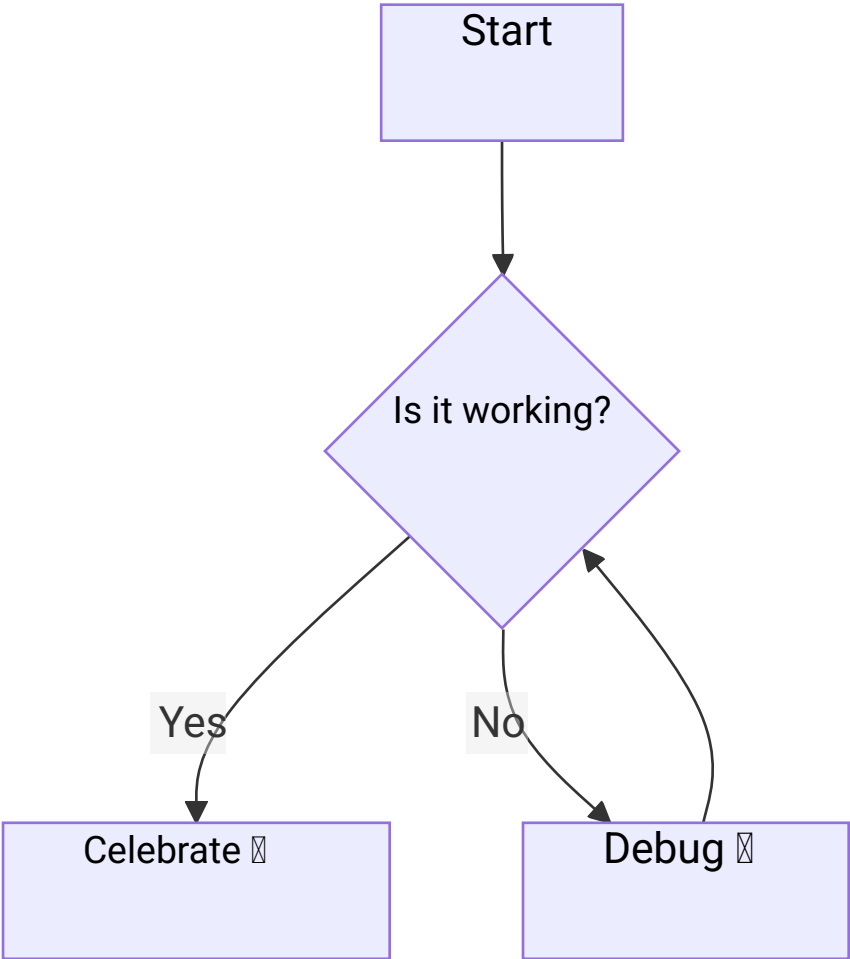
Try some more:

$$\sum_{n=1}^\infty \frac{1}{n^2} = \frac{\pi^2}{6}$$

$$E=mc^2$$

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## Mermaid



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## Code Blocks

```
// JavaScript Example
function greet(name) {
  console.log(`Hello, ${name}`);
}
greet('World');

# Python Example
def fib(n):
    a, b = 0, 1
    while a < n:
        print(a, end=' ')
        a, b = b, a+b
fib(21)
```

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# Lists & Tasks

- ☒ Task 1: Pass basic Markdown
- ☒ Task 2: Render images
- ☐ Task 3: Render math
- ☒ Task 4: Render emoji 😊
- ☐ Task 5: Mermaid diagrams

- 1. First item
  - 2. Second item
    - 1. Subitem 1
    - 2. Subitem 2
- 

# Tables

Name	Emoji	Math	Status
Alice	😊	$a^2 + b^2$	✅
Bob	🤖	$\sqrt{b}$	❌
Charlie	🦄	$\pi$	🕒

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# Blockquotes & Footnotes

"Markdown is not a replacement for HTML, or even close to it."

— [John Gruber](#)

Here is a footnote reference<sup>1</sup>.

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# Emojis

Unicode: 😄 😁 😂 🤖 🐘

Image:



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# Links

- [Google](#)
  - [Broken Link](#)
  - [KaTeX](#)
  - [Mermaid](#)
- 

End of test! 🎉

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# Footnotes

1. This is the footnote content.