



# Table of contents

## Introduction

- [Test Page](#)
- [Topic 2](#)
- [Topic 3](#)

## SubSection2

- [Topic 1](#)
- [Topic 2](#)
- [Topic 3](#)

## SubSection3

- [Topic 1](#)
- [Topic 2](#)
- [Topic 3](#)

# Header 1

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## Header 2

- unordered list 1
  - i. inline LaTeX:  $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$
- unordered list 2
  - i. ordered sublist 1
  - ii. ordered sublist 2
- unordered list 3
  - sublist 1
  - sublist 2

## Header 3

### Header 4

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# Images



Internal:



External:

## Syntax highlighting:

```
#include <iostream>
int main(void){
    std::cout << "hello world" << std::endl;
    return 0;
}
```

## LaTeX

When  $a \neq 0$ , there are two solutions to  $(ax^2 + bx + c = 0)$  and they are

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

# Admonitions

## **i** NOTE

A note block

code in admonition block

```
#include <iostream>
int main(void){
    std::cout << "hello world" << std::endl;
    return 0;
}
```

Latex in admonition block

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$



Internal:



External:



**TIP**

A tip block code in admonition block

```
print("This line will be printed.")
```

Latex in admonition block

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$



Internal:



External:

### ⚠ CAUTION

A caution block code in admonition block

```
#include <iostream>
int main(void){
    std::cout << "hello world" << std::endl;
    return 0;
}
```

Latex in admonition block

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$



Internal:



External:

### **DANGER**

a danger block code in admonition block

```
#include <iostream>
int main(void){
    std::cout << "hello world" << std::endl;
    return 0;
}
```

Latex in admonition block

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

Internal:





External:



Table

col 1	col 2	col 3
r1-c1	$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$	r1-c3

col 1	col 2	col 3
$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$		r2-c3
r3-c1	r3-c2	

# Topic File 2

# Topic File 3

# Topic File 1

# Topic File 2

# Topic File 3

# Topic File 1

# Topic File 2

# Topic File 3