# markx

markx is a markdown compiler built on node.js

# Guide

## Line Breaks and Paragraphs

A paragraph with a line break will insert <br />. A \\ will do the same.

An empty line will be considered as a beginning/end of a paragraph.

## Emphasis

Italic: \*This setntence is italic.\*

Boldface: \*\*This setntence is bold.\*\*

Combination: \*\*\*This setntence is italic and bold.\*\*\*

Underline: \_This setntence is underlined.\_

Strikethrough：\_\_This setntence is striked through.\_\_

Combination: \_\_\_This setntence is underlined and striked through.\_\_\_

Highlight: -This sentence is highlighted.-

Colored Text: --This sentence is in red.--

Boxed Text: ---This sentence is boxed.---

Italic: *This setntence is italic.*

Boldface: **This setntence is bold.**

Combination: ***This setntence is italic and bold.***

Underline: This setntence is underlined.

Strikethrough：~~This setntence is striked through.~~

Combination: ~~This setntence is underlined and striked through~~.

Highlight: This sentence is highlighted.

Colored Text: This sentence is in red.

Boxed Text: This sentence is boxed.

## Header & Title

# This is a title #

# This is an H1

## This is an H2

### This is an H3

#### This is an H4

##### This is an H5

###### This is an H6

# This is a title

# This is an H1

## This is an H2

### This is an H3

#### This is an H4

##### This is an H5

###### This is an H6

## Code Block

```cpp

#include <iostream>

int main() {

std::cout << "Hello World" << endl;

return 0;

}

```

#include <iostream>

int main() {

std::cout << "Hello World" << endl;

return 0;

}

## Inline code

Use "`" to describe inline code:

The `inline code` has `back-ticks` around it.

The inline code has back-ticks around it.

## Block Quotes

>>>

Block Quotes have ">>>" and "<<<" around them.

Note: Block Qutoes can be nested.

<<<



Block Quotes can be nested

## Boxed Paragraph With Colored Background

^^^

Boxed Paragraph havs "^^^" around it.

The background color is blue.

^^^



## Ordered Lists

1 Item 1

2 Item 2

3 Item 3

a Item 1

b Item 2

c Item 3

A Item 1

B Item 2

C Item 3

I Item 1

II Item 2

III Item 3

i Item 1

ii Item 2

iii Item 3

1. Item 1
2. Item 2
3. Item 3
4. Item 1
5. Item 2
6. Item 3
7. Item 1
8. Item 2
9. Item 3
10. Item 1
11. Item 2
12. Item 3
13. Item 1
14. Item 2
15. Item 3

#### Unordered Lists

\* Item 1

\* Item 2

\* Item 3

+ Item 1

+ Item 2

+ Item 3

- Item 1

- Item 2

- Item 3

> Item 1

> Item 2

> Item 3

* Item 1
* Item 2
* Item 3
* Item 1
* Item 2
* Item 3
* Item 1
* Item 2
* Item 3
* Item 1
* Item 2
* Item 3

### Horizontal Lines

First line

---

Second line

First line

Second line

## Other Elements

### Links

[text](link address)

<link address> % short hand link

### Media (image, gif, video)

![optional cation](link address)

### Subscript & Superscript

text\_{subscript}

text^{superscript}

textsubscript

textsuperscript

### Footnote

Here is some text[^1].

[^1] someaddress.com

Here is some text[[1]](https://someaddress.com)

## Alignment

^^^ <

Align Left

This paragraph is used as a sample to demonstrate the difference between left-aligned text and fit-width text

^^^

^^^ =

Align Center

This paragraph is used as a sample to demonstrate the alignments

^^^

^^^ >

Align Right

This paragraph is used as a sample to demonstrate the alignments

^^^

^^^ ==

Fit Width

This paragraph is used as a sample to demonstrate the difference between left-aligned text and fit-width text

^^^

Align Left

This paragraph is used as a sample to demonstrate the difference between left-aligned text and fit-width text.

Align Center

This paragraph is used as a sample to demonstrate the alignments.

Align Right

This paragraph is used as a sample to demonstrate the alignments.

Fit Width

This paragraph is used as a sample to demonstrate the difference between left-aligned text and fit-width text.

## Columns

``` = = % 2 columns

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

```

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aute in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

``` = = = % 3 columns

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

```

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quis nostrud exercitation

ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu

fugiat nulla pariatur.

Excepteur sint occaecat

cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

``` == = % 2 columns with width 2/3 and 1/3

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

```

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute in voluptate velit esse cillum dolore eu fugiat nulla

pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

## Table

| th | th | th |

|====|:==:|===:| %uses colons to align columns

| hd | hd | hd |

|----|----|----| %use “---“ to split the rows

| hd | hd | hd | %lines at even number will be shadowed

| td | td | td |

| **th** | **th** | **th** |
| --- | --- | --- |
| hd | hd | hd |
| hd | hd | hd |

|  |  |  |
| --- | --- | --- |
| td | td | td |

| td | td | td |

| td | td | td |

| td | td | td |

|----|----|----|

| text \\ text | td | td| %use “\\“ to start a new line

| th | th |

|====|====|====|

| th | th | th |

|----|----|----|

| td | td |

| |----|

| | td |

|  |  |  |
| --- | --- | --- |
| td  td | td  td | td  td |

|  |  |  |
| --- | --- | --- |
| td | td | td |
| text  text | td | td |

|  |
| --- |
|  |
| **th** | | **th** |
| th | th | th |
| td | | td |
| td |

## Math Equations

$1$, $\int\_{- \infty}^{\infty} \frac{1}{x^2} \, dx$ % in line math equation

$$\int\_{- \infty}^{\infty} \frac{1}{x^2} \, dx$$ % center aligned math equation

1,

## Comments

Text % This is a comment

%% Comment that is

on multiple lines%%

Text

## Escapes

\% will show a % sign

\\\ will show a \ sign

\` will show a ` sign