

# Learning Markdown

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Ranga Bhupal

**Doing is Learning...**

# Course Outline

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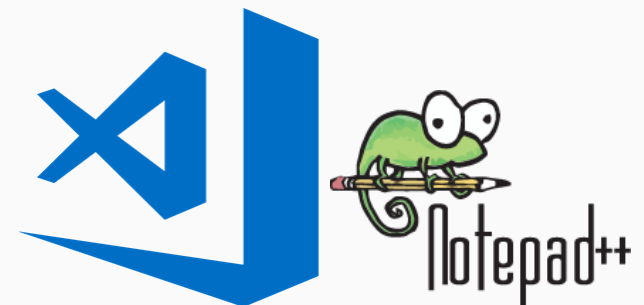
- ▀ Tools / Software
- ▀ Markdown Syntax
- ▀ Use Case
- ▀ Online Editors
- ▀ GitHub Markdown Support
- ▀ Markdown Presentations

## Visual Studio Code

- <https://code.visualstudio.com/download>
- Markdown Supports as Out of Box Solution
- File extension should be `.md` or `.markdown`
- `CTRL` + `SHIFT` + `V`

## Notepad++

- <https://notepad-plus-plus.org/downloads/>
- Required Plugin **MarkdownViewer++**
- `CTRL` + `SHIFT` + `M`



## Headers

- H1, H2, H3, H4, H5 and H6
- Prefix with #

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## Horizontal Line

- Three Hyphons without any space between or at start/end
  - ---

# Markdown Syntax - Text Formatting

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## Text

- Bold
  - I am `**bold**` ==> I am **bold**
  - I am also `__bold**` ==> I am **bold**
- Italics
  - I am `*Italics*` ==> I am *Italics*
  - I am also `_Italics_` ==> I am *also Italics*
- Strike Through
  - Price is `~~$100~~` \$90 ==> Price is ~~\$100~~ \$90
- Blockquote
  - `> Doing is Learning...`

Doing is Learning..

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Doing is Learning..

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## Code

- Inline Code
  - JavaScript Logging to Console and code is `console.log('this is testing');`
- Code Block
  - JavaScript Logging in a loop

```
var i=0;
for(var j=0;j<i;j++) {
  console.log('this is testing');
}
```

## Lists

- Ordered & Un-Ordered Lists
- Nested Lists are Supported
- All Text Formatting Supported



## Lists

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- Nested Lists are Supported
- All Text Formatting Supported
- Ordered Lists
  - Prefixed with **1.**
  - Number Ordering is not Important, But Suggested

```
1. One
2. Two
3. Three
```

## Lists

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- Nested Lists are Supported
- All Text Formatting Supported

- Ordered Lists

- Prefixed with **1.**
- Number Ordering is not Important, But Suggested

```
1. One
2. Two
3. Three
```

- Un-Ordered Lists

- Prefix with **\***
- or **-**
- or **+**

```
* Ram
* Laxman
* Sita
```

## Links

Syntax is `[Link Title](URL "Title of URL on Mouse Hover")`

- `This is [Google](www.google.com)` ==> This is **Google**
- Inline
- Link Title
- Link to Files
  - `Please visit [Help](./help/readme.md)` ==> Please Visit **Help**
- Self Links
  - Empty URL like `[Markdown Notes]()`

## Images

Syntax is `![Alternate Text](Image URL "Image Title on Mouse Hover")`

- Alternate Text would be visible when Image is NOT Found
- Inline
  - `This is Markdown Logo ![Markdown](./images/markdown.png)` ==> This is



Markdown Logo

- Reference and Reference with Title

# Markdown Syntax - Escape Characters

## Backslash (\)

- Use `\` for escaping

Symbol	Syntax
*	\*
\	\\
`	\`
-	\-
+	\+

## Tables

- Column Separator is `|` (Pipe)
- Header Column is Bold and Center Aligned
- Data Column Alignment - left/center/right
  - using Colon `:` next to Hyphen `-`
  - Center `:-:`
  - Left `:-`
  - Right `-:`

```
|Symbol|Syntax|
|:-:|:-:|
|*|\\*|
|\\|\\\\|
|`|\\`|
|-|\\-|
|+|\\+|
```

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Symbol	Syntax
*	\\*
\\	\\\\
`	\\`
-	\\-
+	\\+

# Markdown Use Case - Taking Notes

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## Write a Small Markdown Notes

- Headers
- Paragraph
- Lists
- Slogan
- Table

## Online Editors Usage

- <https://dillinger.io/>
- <https://stackedit.io/app#>





## Notepad++ - MarkdownViewer++

- HTML or PDF Supported

## Dillinger Online Editor

- HTML and PDF Supported
- Export is Free

## StackEdit Online Editor

- HTML and PDF Supported
- HTML Export is Free, But PDF Export is NOT Free

## Github has a few more extras

- Tasks,
- Issue Number, SHA, Emoji, @Mentions
- Automatic Github Links

## Github Markdown Documentation

- Basic Writing & Formatting
- Advanced Formatting
- Mastering Markdown



## Remark JS

- <https://remarkjs.com/#1>
  - <https://github.com/gnab/remark>

## Reveal JS

- <https://revealjs.com/>
  - <https://github.com/hakimel/reveal.js>

# Thanks & All the Best..

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