

# What is Markdown

- ▶ a lightweight markup language with a plain text formatting syntax
- ▶ can be converted to html/xhtml and other formats
- ▶ it's main purpose is readability and ease of use

# What is it used for?

- ▶ README files (Github)
- ▶ Forum and Blog Posts
- ▶ Static sites generators
- ▶ Presentations

# What can we format with MD?

- ▶ Headings
- ▶ Lists
- ▶ Emphasis
- ▶ Links
- ▶ Blocks of code
- ▶ Images
- ▶ Quote blocks
- ▶ Horizontal rules

# What do I need to run markdown

- ▶ any text editor is good for markdown, choose one with extensions to see live preview of the file (es. vs code)
- ▶ or a Chrome extension Markdown Viewer for local/remote files

# How to I comment in a markdown file?

- ▶ html comments are compatible with markdown

# Headings

- ▶ Use hashtag to add heading levels (from one to six  
#, ##, ###, ####, #####, #####)

# Italics

- ▶ To use italics we have two options:
  1. Use asterisk *this is italics*
  2. Use underscores *this is italics too*

# Strong

- ▶ To use bold characters we also have two options:
  1. Use double asterisk **this is a bold statement**
  2. Use double underscores **this is a blunt one too**



# Strikethrough

- ▶ To strike characters we use double tilde

# Horizontal Rule

- ▶ An horizontal rule is a separator, to make it we have two options:
  1. Triple hyphens —
  2. Triple underscores

# Escape Characters

- ▶ In some cases we want to escape a character used by Markdown, in that case we use `\` to show the actual special character.
- ▶ In example `**this will not show in bold**`

# Block Quote

- ▶ To create a block quote we use the > symbol > This is a quote inside a block.

# Links

- ▶ For links the text we wanna show goes into brackets [] while the URL address we want to point goes inside ()
- ▶ i.e. Google
  - ▶ To quickly turn a URL or email address into a link, enclose it in angle brackets
  - ▶ i.e. email@email.com or https://google.com
- ▶ To add a title when we hover the link we can just add "Title" after the URL address
- ▶ i.e. Google

## Internal links (references)

- ▶ If you have headers in the markdown files, you can directly link them in the file.
- ▶ in example an ## The Header will automatically generate a #the-header anchor we can link
- ▶ in this case the link will be Go to header

Go to first section

# Lists

## Unordered lists

- ▶ ul can be displayed using \* for each item
- ▶ item 1
  - ▶ item 1.1
- ▶ item 2
  - ▶ item 2.1
- ▶ item 3

## Ordered lists

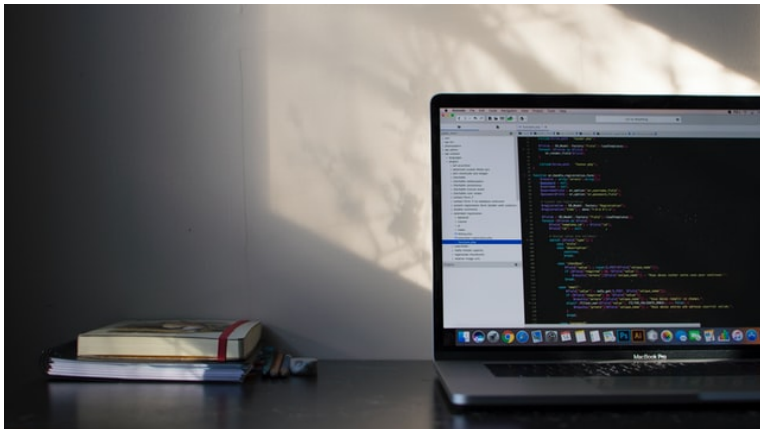
- ▶ ol can be shown using n. before each item
1. Hello
    - 1.1 World
  2. My name
  3. How are you?

## Inline Code Block

- ▶ We use backticks
- ▶ `import time`

# Images

- ▶ very similar to links but with a ! before the square brackets
- ▶





# Github

- ▶ gh has its own flavor of markdown
- ▶ for block of codes use triple backticks instead of one ““
- ▶ we can also add specific syntax for the language we want to use

```
import React
const elem = () => {
  return(
    "This is something"
  )
}
export default elem

from datetime import datetime
dt = datetime(2020,10,1,12)
def getTime(dt):
  return dt.Hour
```

# Tables

Tables	Are	Cool
col 1 is	left-aligned	\$1600
col 2 is	centered	\$12
col 3 is	right-aligned	\$1

## Task list

- ▶ These shows as checkbox on GH ☒ Task 1 ☒ Task 2 ☐ Task 3