

# **MARKDOWN: AN INTRODUCTION**

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# INTRODUCTION

*Markdown is a plain text format for writing structured documents, based on conventions used for indicating formatting in online forums, such as reddit. It is light weight and easy to use syntax for styling.*

*It is widely used within the Git eco-system to provide portable documentation for software repositories. For example, both Github and Gitlab will automatically render the markdown file README.md, and limiting any dynamic aspects keeps it save.*

*As part of your worksheet submissions you are expect to include a **README.md**, which contains details of your work, along with screen shots, etc.*

# WHAT IS THAT MARKDOWN

- Markdown is first and foremost a way to style text on the web, but it can also be used to write documents.
- It helps you to control the display of the document by formatting works as bold, italic, etc.
- Markdown is just regular text with a few non-alphabetic characters thrown in.
- Markdown text can be converted to HTML and other formats.

# HEADINGS

- Sometimes it is useful to have different levels of headings to structure a document.
- Start lines with “#” to create headings.
- Like HTML it is possible to have six different heading types or size.

`## Heading 2`



*Heading 2*

# STYLING TEXT

\*This text will be Bold\*  
\*\*This text will be Italic\*\*



*This text will be Bold*  
*This text will be Italic*

- Use "\*" to mark text as *bold*
- Use "\*\*" to mark text as *italic*
- Use "~~" to mark text as *strikethrough*

# ORDERED LISTS

- *Define ordered lists in Markdown by prefixing with a number*

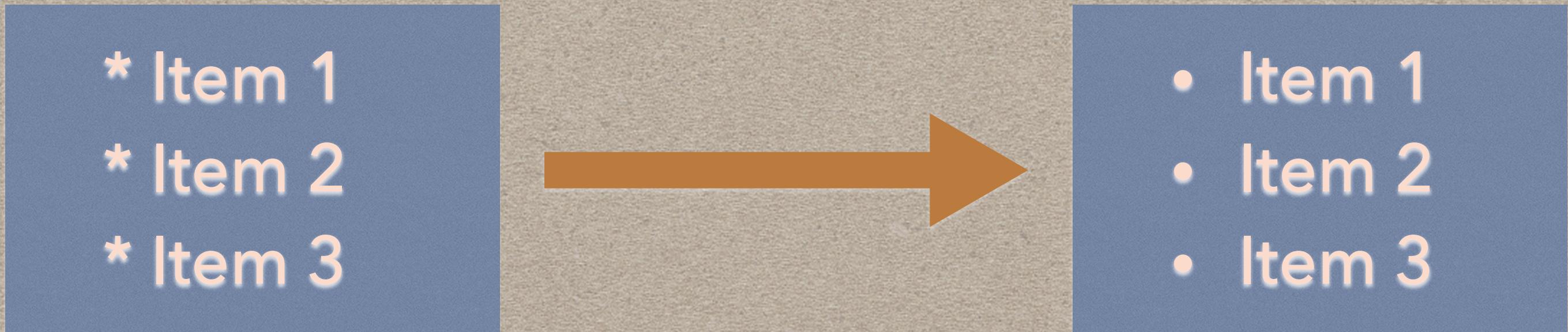
```
1. Item 1  
2. Item 2  
3. Item 3
```

- *To define a sub list with the main list, start sub list by indenting by 2 spaces.*

```
1. Item 1  
2. Item 2  
    1. Item 1  
    2. Item 2
```

# UNORDERED LISTS

- *Unordered bulleted lists in Markdown start the link with a star “\*” or dash “-”*



- *Again to define a sub bulleted list with the main list, start sub list by indenting by 2 spaces.*

# LINKS AND IMAGES

- You can *insert image using the format: `![Alt Text](url)`*
- Example: `![Harrow the Ninth](https://tinyurl.com/y5tbxdcs)`



- You can *insert links using the format: `[Alt Text](URL)`*

# BLOCK QUOTES

- It is possible to call attention to a quote or other text, using ">" at the start of a line.

> Something to callout



Something to call out

# INLINE CODE

- You can style programming code with Markdown
- Use the three ticks "```" at the beginning and end of code block.
- Blocks can be inline or whole paragraphs.
  - Some Markdown renders allow the programming language to be noted and will format the code following the standards for that language, e.g.

```
```python
def bar():
    print("Hello, Bar")
```

```



```
def bar():
    print("Hello, Bar")
```

Python

# GITHUB AND OBSIDIAN

- There is a Github flavoured Markdown, which provides more Markdown options:
  - <https://docs.github.com/en/get-started/writing-on-github/getting-started-with-writing-and-formatting-on-github/basic-writing-and-formatting-syntax>
- Checkout the Github Mark-down cheat sheet:
  - <https://github.com/adam-p/markdown-here/wiki/Markdown-Cheatsheet>
- Finally, I and many others use Markdown to keeps notes, digital form of the old paper notebook, and for this I strongly recommend the tool Obsidian.md:
  - <https://obsidian.md/>