GitHub

💡 `readme` files

🔍	**What are they?**	Files explaining what your project does, how to use it, and how to set it up. READMEs are the first thing people see when they visit your repository.
🧭	**How do I implement it?**	Create a file named `README.md` in your project's directory. Learn how to do Markdown (md) formatting here 🔗.
💡	**Why bother?**	It demonstrates professionalism, helps collaborators understand your work, and is essential for portfolio projects when job hunting.

💡 in-line comments

🔍	**What are they?**	Short explanations written directly in your code that describe what specific lines/sections of code do. They're ignored by Python when the program runs.
🧭	**How do I implement it?**	Use the # symbol followed by your explanation. Comment on blocks of code (such as loops, functions, etc.) but also on specific (esp. non-intuitive) lines.
💡	**Why bother?**	Comments help you remember why you wrote code a certain way when you revisit it later and show others you can communicate technical decisions clearly.

🚀 GitHub pages

1   Navigate to your project

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2   In your VSCode Terminal, run `pip install mkdocs-material`

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3   Once finished, run `mkdocs new .` (with the dot; will create a new page environment)

↓

4   Once finished, run `mkdocs serve`, the follow the link created

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5   In Extensions, install the YAML extension by Red Hat

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6   In Settings (bottom left corner), go to 'Settings', hit 'Open Settings (JSON)' (top right), and paste:

```
"yaml.schemas": {
  "https://squidfunk.github.io/mkdocs-material/schema.json": "mkdocs.yml"
},
"yaml.customTags": [
  "!ENV scalar",
  "!ENV sequence",
  "!relative scalar",
  "tag:yaml.org,2002:python/name:material.extensions.emoji.to_svg",
  "tag:yaml.org,2002:python/name:material.extensions.emoji.twemoji",
  "tag:yaml.org,2002:python/name:pymdownx.superfences.fence_code_format]
```

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7   To be able to use emojis, open `mkdocs.yml` (automatically created) and paste:

```
markdown_extensions:
  - attr_list
  - pymdownx.emoji:
      emoji_index: !!python/name:material.extensions.emoji.twemoji
      emoji_generator: !!python/name:material.extensions.emoji.to_svg
```

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8   Modify `index.md` to make changes to your documentation

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9   Commit changes

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10   On GitHub, go to your repository → 'Settings' → 'Pages' → Change 'Branch' to `gh-pages` + save

↓

11   Follow the link on top of the 'Pages' site to view your documentation page online