

# LEARN WEB

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# REVEAUS

# SUMMARY OF MD METHOD

# SUMMARY OF WEB PRESENTATION

- create double-use web pages:
  - live presentation/slideshow for seminar/Teams/YT
  - web reference pages for a larger audience
- write simple MD text with light annotation
- embed it in a Remarkjs HTML page;
- use its ad hoc styles to control the slide area & progression
- tag `---` separates text into slides
- tag `... . . .` stops rendering until arrow/spacebar is pressed

# REVEALJS

a personal GitHub project on making presentations that are in fact HTML pages (with lots of JS inside)

goes above and beyond Powerpoint

the HTML page is self-contained and can be sent/loaded/published anywhere

we may edit the HTML page to tweak/add settings

Tutorial: [revealjs.com/](https://revealjs.com/)

Online editor: [slides.com/](https://slides.com/)

# PROGRAMME:

- in VS Code, put down quick MD notes, eg, in `my_notes.md`
- insert links and images
- create slides with

```
1 >pandoc --standalone --from markdown my_notes.md --to revealjs -o my_pres.html
```

- go to the meeting (or exam) and present your slideshow/pitch deck
- put `my_pres.html` on a personal web space, e.g., LinkedIn: let others catch up by reading it online
- see the demos: presentations can go *inside* web pages!



# INSTALLING PANDOC

# PANDOC

a *professional* tool: launches from Powershell (Win) or Terminal (MacOs)

the following Win11 instructions are almost verbatim to MacOs

step-by-step instructions: open **exercise/README.md** in VS code and read it with the preview

# INSTALL P. ON WIN11

1. open the folder where the Markdown presentation file is, or where you want it to be.
2. right-click and start a Terminal or a Powershell
3. notice: you can also start a terminal/powershell from the ‘Start’ menu, but in such case you need the terminal to be ‘pointed’ to the working folder

If not we need to cd to the right directory, e.g.,

```
1 cd C:/Users/aless/Dowloads/git/learn-web/96-revealjs
```

where the *path* depends on your arrangements

# FROM MD TO WEB PRESENTATION WITH REVEAJS

# RUN PANDOC

- start a terminal, `pwd` to check the current working dir.
- if needed, `cd` to where your file is (check with `dir/ls`)
- if, eg, `my_notes.md` is there then give

```
1 pandoc --standalone --from markdown --to revealjs my_notes.md -o my_pres.html
```

# THEMES AND ANIMATIONS

check the available options on [slides.com](#)

check out transition effects

check out themes

test combinations to find one you like

here ale66 used `moon` with transition `none`

try, eg, `dracula` with `zoom` by giving, *as a single line*:

```
1 pandoc --standalone --from markdown --to revealjs my_pre.md -o my_pres.html  
2 -V transition=dracula -V theme=zoom --verbose
```

# REVEALS WITH CSS

Give this, as a single line:

```
1 pandoc --standalone --from markdown --to revealjs my_pres.md -o my_pres.html  
2 --css my_revealjs_style.css -V transition=convex -V theme=solarized --verbose
```

# EXERCISE: TWEAK REVEALJS PRESENTATIONS

- start VS Code, open the HTML presentation
- locate the script tag where Revealjs is initialised
- add, towards the bottom:

```
1 Reveal.initialize({  
2     slideNumber: 'c/t'  
3 });
```

Save and reload in a browser: check that page numbers and progress now appear

voilà!

# POST ACTIVITIES

1. study the produced HTML file: what does it link to? Can we edit it?
2. Visit the project [GitHub page](#) for updates.
3. Look at image embeddings such as the Revealjs logo in this presentation
4. can you use pandoc to create a PDF of your presentation?  
(could you write your MA thesis in Markdown?)

# EXTENSIONS

# QUARTO

an extension of Markdown that supports publishing

`my_notes.qmd` ->

`my_pres.html, my_pres-revealjs.html, my_pres.pdf ...`

it sets up Pandoc to produce more complex documents

all we've seen about Markdown to Revealjs is valid in Quarto

See the presentation of Quarto-appearance