

research S2D_01

?

?

when and how do we trigger the image search function ?

every nth paragraphs ?

?

every page ?

?

3 paragraph

3 random words (highlighted):
each is a query in the image search engine

This example is slightly complicated: it lowercases all the purely alphabetic items. Perhaps it would have been simpler just to count the lowercase-only items, but this gives the wrong answer (why?).

Don't worry if you don't feel confident with list comprehensions yet, since you'll see many more examples along with explanations in the following chapters.

So far, our little programs have had some interesting qualities: the ability to work with language, and the potential to save human effort through automation. A key feature of programming is the ability of machines to make decisions on our behalf, executing instructions when certain conditions are met, or repeatedly looping through text data until some condition is satisfied. This feature is known as control, and is the focus of this section.

Next time you settle down to read some code, listen carefully for the voices inside the code and the voices inside your mind, however faint they sound. I can hear the voice of a senior engineer from my last job every time I write a type definition.

Every piece of software that we interact with, every company, every project, every product—from your computer's operating system, to the SaaS vendors your company relies on, the libraries you use, and the routines running on the microcontroller in your refrigerator.

typeface:
fivo sans modern
medium

text
2/3

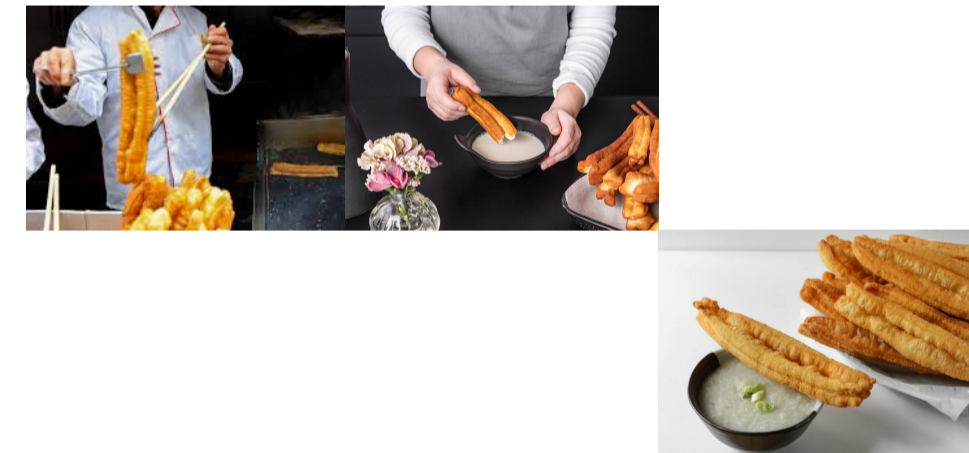
images
1/3

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3





highlight


page number

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3


page number

1 line phrase

3 lines phrase

5 lines phrase

ecc

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3

page number

sample text

random position pattern . _ (choose between up and down)
simple but makes each page interesting



sample images



pros:
- simple layout, interesting image patterns, works well also if paragraphs span on multiple pages

cons:
- the random word for the image query could be not always meaningful
- ink thirsty images

1 word in each paragraph queries the image search engine and then is replaced by the result

pros:
- ultra simple layout, mixed text-visual language, works well also if paragraphs span on multiple pages. more text per page aka less paper usage.

cons:
- images are small. maybe less rhythm between pages.

1 phrase in each paragraph queries the image search engine and then is replaced by the result with a display: block attitude

pros:
- very rhythmic, mixed text-visual language, works very well also if paragraphs span on multiple pages. images can be used as both as contents and textures

cons:
- maybe technically challenging to define the height of the image? (maybe not eh, just rely on the length of the phrase). ink thirsty images