

Coding Kwoon 编程馆

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Today's Timetable

13:30 - 13:40	problem introduction
13:45 - 14:20	coding
14:20 - 14:25	quick discussion
14:25 - 15:00	coding
15:05 - 15:30	retrospective
15:30 - ∞	continue on Coding Sunday

New Concepts

- Coding Dojo
- Coding Kwoon
- Social Environment
- Programming Environment
- Pair Programming
- Test-Driven Development

In a Coding Kwoon

Axioms:

- **People** have different skill levels
- There're several ways to **express ideas** about what you're trying to accomplish

You can:

- **Exercise** a set of skills
- **Learn** with others and **share** what you know
- Learn **new languages**
- **Explore** details of languages you already know

How it works



Coding Session



Restrospective

Programming Challenge: Word Wrap

You write a class called `Wrapper`, that has a single static function named `wrap` that takes two arguments, a string, and a column number. The function returns the string, but with line breaks inserted at just the right places to make sure that no line is longer than the column number. You try to break lines at word boundaries.

Like a word processor, break the line by replacing the last space in a line with a newline.

```
Wrapper.wrap("I am a long sentence", 9)  
=> "I am a\nlong\nsentence"
```

Considerations

- Programming language
- Programming paradigm
 - Do we need a class?

Warnings

- No competition.
- Focus on the process, not on solving the programming challenge.

Things to practice:

- Pairing
- TDD
- Baby steps
- Communication

Learn more

Coding Kwoon Beijing
is here!

<http://bj.codingkwoon.com>

<https://groups.google.com/d/forum/kwoon-bj>
short link: <http://goo.gl/N4SmJ>