C++ Programming
Teaching Style

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Teaching, Training and Coaching since more than a decade!

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Teaching Style

- There are many common complaints from other courses
    - A lot of theory before being practical
    - Unnecessary long videos with repetitions.
    - A sudden jump in the level. I can't cope with the content.
    - The same examples are used over and over.
    - Explanation is very fast and not adequate for beginners
    - Etc

Teaching Style

- The best strategy I developed during my career
  - **Major** concepts first, minor in a 2nd round
  - **Practice first**, theory second
  - Short lectures to the point

Teaching Style

- **Ready Code Snippets** vs Live Coding style: Trade off

```cpp
int val = 15;
int &ref = val;

// 15 0x7f1
cout << val << " " << &val << "\n";
// 15 0x7f1
cout << ref << " " << &ref << "\n";

int *ptr = &val;
// 15 0x7f1 0x9f2
cout << *ptr << " " << ptr << " " << &ptr << "\n";
```

Teaching Style

- Explain, Administrate & Challenge
  - Each video smoothly **explains** a simple concept(s)
  - Typically followed by easy to medium practice to **administer** the concept
  - Then typically followed by an easy-medium-hard set of homework questions to **challenge** you

"Acquire knowledge and impart it to the people."

"Seek knowledge from the Cradle to the Grave."