

Intensive II

Case Study and Discussion

Creative Coding Advanced Lecture/Workshop

Prez

Show us

what projects interests U

Announcement:
Field trip on **April 28th**

Coding Session

- one hour of code * 2

14 Weeks Class in one (or two) Hours

<https://github.com/aaaven/MDI2017>

Chapter 01: Creative Programming Basics

第一章：创意编程基础训练

Ask Aven QUESTIONS...
or He will ask U

- 帧率 | `frameRate` vs. `frameRate()`
- XY坐标系 | X & Y COORDINATES
- 变换 | TRANSFORM FUNCTIONS
- 旋转 | ROTATE FUNCTIONS
- 剪切拉伸 | SHEAR FUNCTIONS
- 缩放 | SCALE FUNCTION

Conditionals 条件语句

- 计算机指令 | STATEMENTS & EXPRESSIONS
- 布尔值表达 | BOOLEAN EXPRESSIONS
- 比较和逻辑运算符 | RELATIONAL & LOGICAL OPERATORS
- 条件语句 | CONDITIONALS
- IF语句 | IF STATEMENT
- Switch语句 | SWITCH STATEMENT

Iteration 迭代

- 迭代 ITERATION
- 循环 LOOPS
- for 循环 FOR LOOP
- while循环 WHILE LOOP
- 无限循环 INFINITE LOOPS

- 键鼠交互 | KEYBOARD & MOUSE INTERACTION
- keyPressed()函数 | KEYPRESSED() FUNCTION
- keyPressed变量 | KEYPRESSED VARIABLE
- KeyReleased() vs. keyTyped() 函数 | KEYRELEASED() & KEYTYPED() FUNCTIONS
- key变量 | KEY VARIABLE
- 变量类型Char | CHAR DATATYPE
- keyCode变量 | KEYCODE VARIABLE
- mousePressed()函数 | MOUSEPRESSED() FUNCTION
- mousePressed变量 | MOUSEPRESSED VARIABLE
- mouseX, mouseY, pmouseX, pmouseY变量 | MOUSEX, MOUSEY, PMOUSEX & PMOUSEY

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🌀 Chapter 02: Advanced Creative Programming

第二章：创意编程进阶训练
