IB CS

1. Corn (the book)
2. Option (database, web science, OOP, modeling and simulation)
3. Solution (project)
4. Case study (HL)
5. EE (essay)

HW: Notepad++, Cygwin

**Problem solving, algorithms, programs**

Problem solving: basic process

Problem identification Problem analysis

Plan development Plan evaluation

Algorithms

A process or set of rules to be followed in calculations or other problem-solving operations, especially by a computer.

Flowcharts

(伪代码)Pseudocode

Programs

Is 111 in num\_arr\_2= [2, 3, 5, 7, 11, 13, ~~~]?

Linear search: “for” loop

Jump from the half way again and again in a well sorted list (binary search)