

Algorithms and Programming

AP Computer Science Principles · Vocabulary

English	中文	Pinyin
(x) variable	变量	biàn liàng
= assignment	赋值	fù zhí
☰ Data abstraction	数据抽象	shù jù chōu xiàng
% remainder	余数	yú shù
☞ string	字符串	zì fú chuàn
☞ concatenation	拼接	pīn jiē
☉ Boolean expression	布尔表达式	bù ěr biǎo dá shì
☞ conditional (selection)	条件语句	tiáo jiàn yǔ jù
☞ nested conditional	嵌套条件	qiàn tào tiáo jiàn
☞ Iteration (a loop)	迭代	dié dài
∞ infinite loop	无限循环	wú xiàn xún huán
☞ algorithm	算法	suàn fǎ
☰ list	列表	liè biǎo
🔍 Binary search	二分搜索	èr fēn sōu suǒ
☞ procedure (function)	过程	guò chéng
☞ procedural abstraction	过程抽象	guò chéng chōu xiàng
☰ abstraction	抽象	chōu xiàng
📖 library	库	kù
☞ Interface	应用程序接口	yìng yòng chéng xù jiē kǒu
▶ simulation	模拟	mó nǐ
% Efficiency	效率	xiào lǜ
💡 heuristic	启发式	qǐ fā shì
❓ undecidable	不可判定	bù kě pàn dìng