Take Home Message

HUMAN
RESOURCE
MACHINE

7 Billion
HUMANS

立志要考上台大資訊系的同學可以先行閱讀下列兩本書

https://www.youtube.com/playlist?list=PLOvZ8aEg7xDmRtTbeWHGKAkXI8ZkcyAhe

https://gpi.culture.tw/books/1011200237

資訊科學的高中數學

集合　　機率　　統計

排列組合

指數與對數

線性代數　　向量

矩陣　　聯立方程組

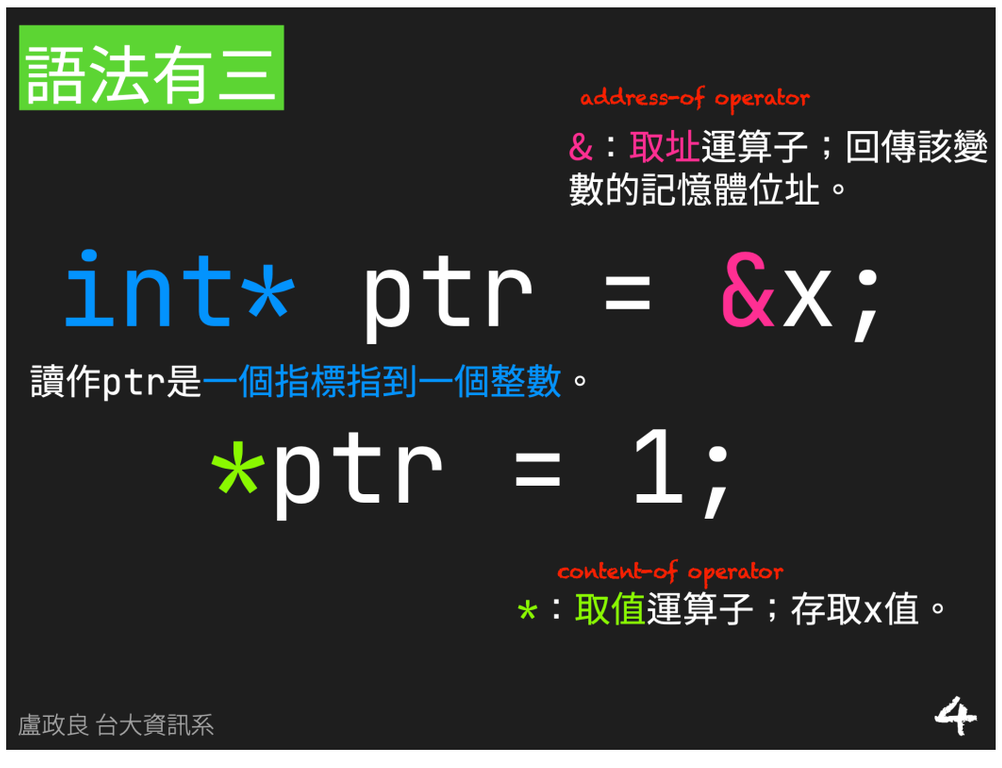
維度

我開設的課程

APCS: C++ Programming

Location: 德田館 Room 219

Time: 1345 ~ 1730



``What I cannot create, I do not understand."

-- Richard Feynman

``Talk is cheap. Show me the code."

-- Linus Torvalds

``Either run for food, or run from being food."

-- Jen-Hsun "Jensen" Huang (1963-),
the co-founder of NVIDIA

Java Programming

Location: Room 223B, 德田館
Time: 0900 ~ 1200

``Java is C++ without the guns, knives, and clubs.''
-- James Gosling

``Java is to JavaScript as ham is to hamster.''
-- Baruch Sadogursky

C# Programming

Location: Room 108, 德田館
Time: 1900 ~ 2200

``Just because people tell you it can't be done,
that doesn't necessarily mean that it can't be done.
It just means that they can't do it."
-- Anders Hejlsberg

``It's not a bug - it's an undocumented feature."
-- Anonymous

APCS Python 101

"Either run for food, or run from being food."
-- Jen-Hsun "Jensen" Huang (1963-),
the co-founder of NVIDIA

``Programming is not about typing,
it's about thinking.''
-- Rich Hickey

"You don't have to be great to start,
but you have to start to be great."
-- Zig Ziglar

課程訊息

講者訊息

- 盧政良 (Zheng-Liang Lu, Arthur)
- 電子信箱：arthurzllu@gmail.com

Zheng-Liang Lu
changed 9 days ago

19 Edit

Show title & tags

Algorithms Lab

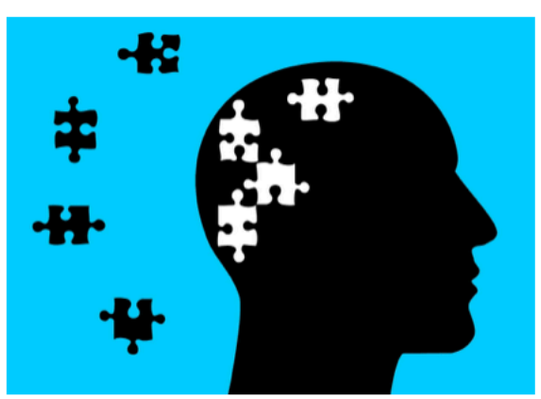
"Premature optimization is the root of all evil."
-- Donald Ervin Knuth (1938-)

"If you want to master something, teach it.
The more you teach, the better you learn.
Teaching is a powerful tool to learning."
-- Richard Feynman (1918-1988)

Goal

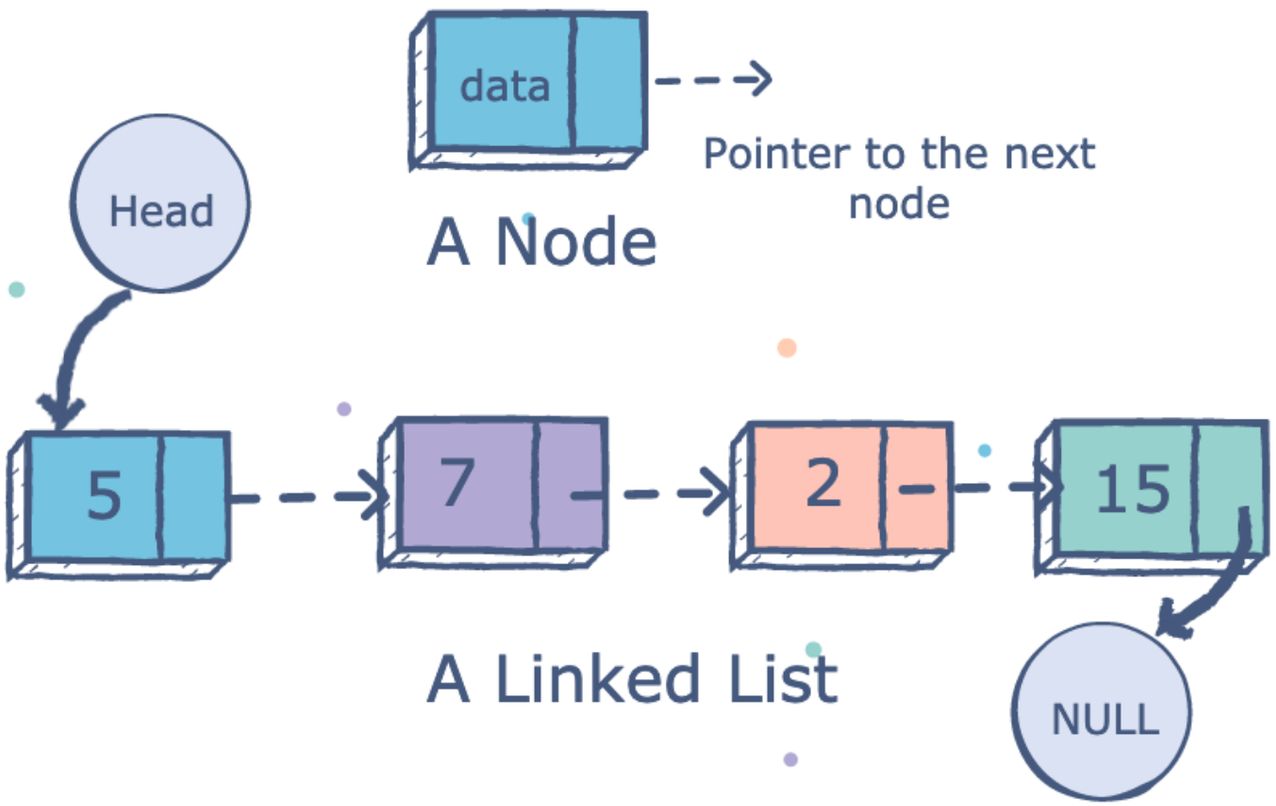
This short course is designed for students who plan to learn about common data structures with efficient algorithms, solve LeetCode problems, and know state-of-the-art information techniques. The achievements of **Algorithms Lab** are listed below:

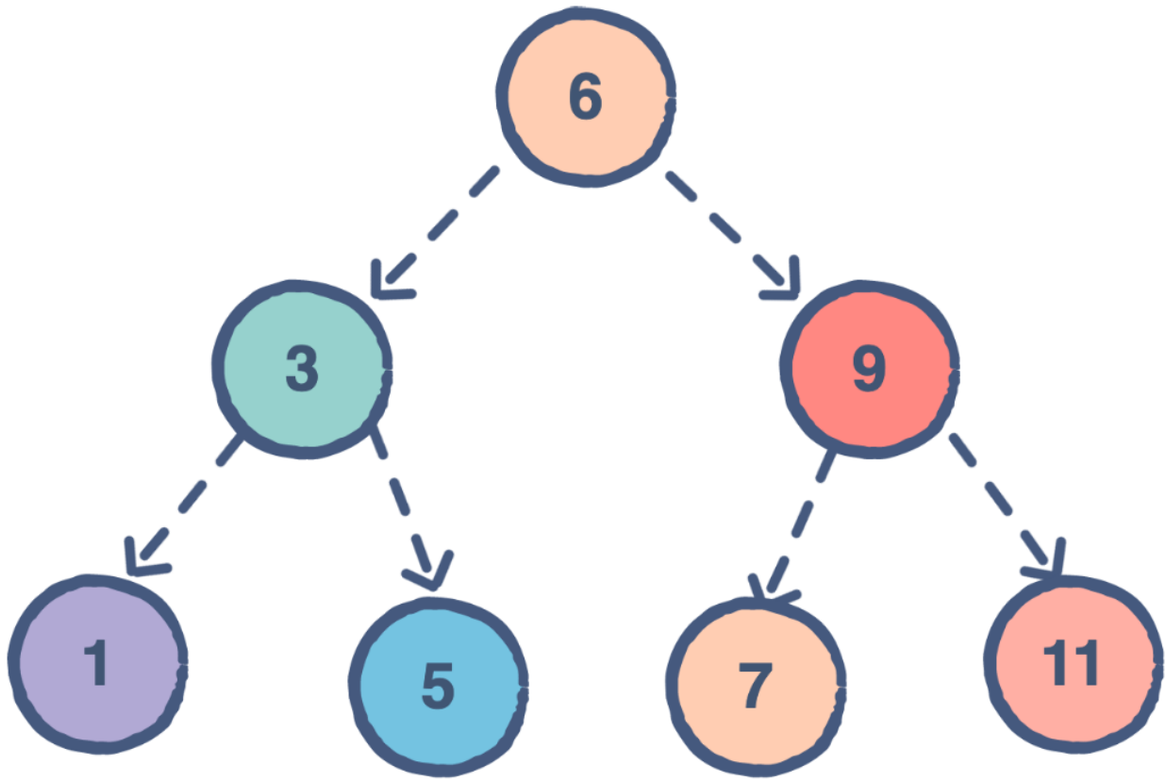
- Develop problem-solving skills;
- Implement data structures and algorithms;
- Expand horizons by solving problems;
- Solve LeetCode problems which are marked medium, even hard.



Instructor Information

盧政良 台





An example of a binary search tree

資料科學入門 (Introduction to Data Science)

原課程名：當統計學與程式相遇 (Learning Statistics & Programming)

"The purpose of computing is insight, not numbers."
-- Richard W. Hamming

"Data do not speak for themselves;
there is always an interpreter, or a translator."
-- John W. Ratcliffe

"Remember that all models are wrong;
the practical question is how wrong do they have to be to not be useful."
-- George Box

"It is easy to lie with statistics, but easier to lie without them."
-- Frederick Mosteller

Financial Computing Lab

Futures & Options

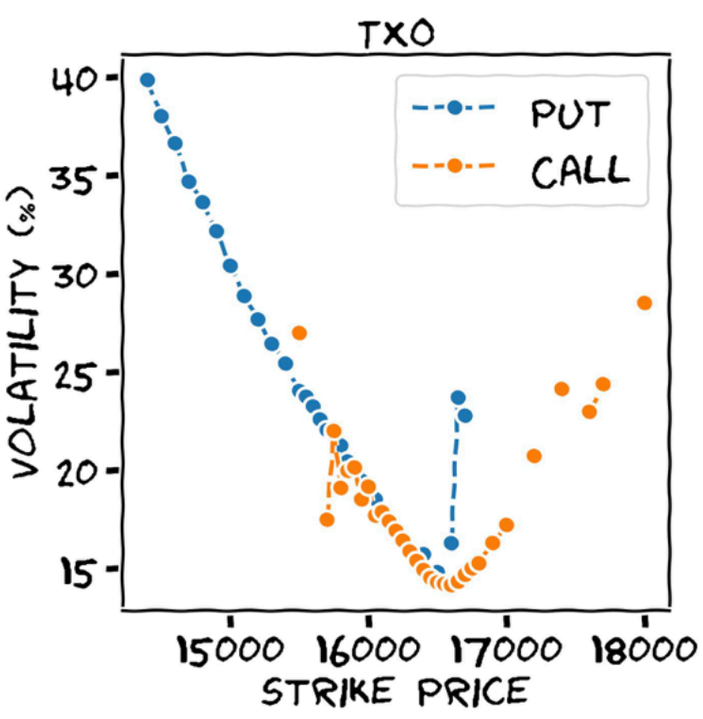
Location: Room 106
Time: 1630 ~ 1830

"Δ + Γ + Θ = r"
-- The Black-Scholes hedging formula

Class Information

Instructor

- Name: 盧政良 (Zheng-Liang Lu, Arthur)
- Email address: arthurzllu@gmail.com

Objectives

> I will introduce the pricing theory of futures and options and also the hedging techniques with Python and Excel sample programs. After completing this