Fundamental Object Oriented Programming

Course Introduction, 09/14/2015

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Three Warnings Before (Signing for) the Course (1/3)

警告: High Expectations

- goal of NTU FOOP class:
  as good as the best ones in the world
- tentatively, 5–6 homework sets, final project
  (http://www.csie.ntu.edu.tw/~htlin/course/foop15fall)
- will have **HW1** next week
- **time-consuming** programming assignments

be prepared to **work hard**!

Three Warnings Before (Signing for) the Course (2/3)

警告: Strict Instructor

- Will you give me a second chance if I copy homework from other people? **No**.
- Could you let me pass because I will be kicked out by the $1/2$ rule? **No**.
- Will you change my score from *F* to *C*? **No**.

be prepared to **follow the rules**!

Three Warnings Before (Signing for) the Course (3/3)

警告: Uncertain Outcome

- **new** mode of two-hour only
- ambitious and willing to **experiment**
  —**mixed-English teaching**, for instance
- How many people will not pass?
  about 10% last time; somehow each year/class is different and
  thus **I don't know yet**.
- Will your investment (time) get good return (knowledge)?
  No guarantees, but I'll try my best.

be prepared to **take some risks**!

May the Brave Ones Stay

Basic Information

- instructor:
  林軒田 Hsuan-Tien Lin (`htlin@csie.ntu.edu.tw`)
- office hour: after class or by appointment
- course webpage, mailing list:
  `http://ceiba.ntu.edu.tw/1041foop` (CEIBA)
- course contents actually in
  `www.csie.ntu.edu.tw/~htlin/course/foop15fall`

> **Update your secondary email address on CEIBA!**

Instructor: Strict but Friendly

- Will you repeat the previous code/slide again? **Yes**.
- Will you discuss with me after class if I don't understand? **Yes**.
- Will you pardon my silly questions? There are **no** silly questions.

> **Feel free to ask me questions and give me feedback!**

Enrollment

- at most 176 in Room 103 of CSIE Building
- target size 220, which is 125% of 176—assuming that 1/5 will not show up in class
- priority: CSIE undergrades > CSIE grads (CSIE, INM) > EECS > others
- auditing: welcomed (to sit) only if there is an empty chair

> **Leave as soon as possible! Give your classmates a chance to be miserable.**

Teaching Assistants

- TAs (tentatively):
    - Kuo-Hsuan Lo
    - Chun-Wei Chen
    - Jeff Lin
- TA email: `foopta@csie.ntu.edu.tw`
  —3 TAs and 1 instructor around, usually faster than sending to individual
- office hours: to be announced

> **very friendly TAs; ask them more questions!**

THE Principle

Taking any unfair advantages over other class members is not allowed. It is everyone's responsibility to maximize the level of fairness.

- eating? fine, but no smells and no noise
- sleeping? fine, but no snoring
- cellphone? fine, but silent mode, and speak outside
- ...

applies to instructor, TAs, students

Honesty

NO CHEATING

NO LYING

NO PLAGIARISM

NO PIRATING of THE BOOK

very serious consequences

Grade

- no midterm, no final
- main reference: homework sets, final project
- raw score goes through some order-preserving normalization steps
  - raw score 80 with term rank A: possible
  - raw score 80 with term rank B: possible
  - raw score 60 with term rank F: possible
  - raw scores 80, 60 with term scores B, B: possible, but unlikely
  - raw scores 80, 60 with term scores F, B: **impossible**

> from the principle: **no individual score change**

Collaboration and Open-Book

- homework discussions: encouraged
- but fairness?
  write the final solutions alone and understand them fully
- references (books, notes, Internet):
  consulted, but **not copied from**
- no need to lend/borrow solutions

> to maximize fairness (everyone's responsibility),
> **lending/borrowing not allowed**

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> Deal? If your classmate wants to borrow
> homework from you, what do you say?

Homework

- students: justify solutions clearly
- TAs: evaluate solutions fairly
- no individual extension unless not violating the principle (e.g. institute-established cases of illness or emergency)
- late penalty:
  90% of the value for 12-hour late, 80% of value for 24-hour late, ...

four penalty-free late half-days (金牌) per person

Referencebook

W. Savitch, Absolute Java, 5th Ed.,
Pearson, 2012

`http://tinyurl.com/oop13textbook`

Mandarin and English

- Mandarin: main language
- English: often encountered
  - —teaching ($> 1/4$), coding, website, assignments, . . .
  - —important for your future and you are recommended to practice
  - —**NEW: you need to write your homeworks in English**

don't be afraid of English

Important TODOs

- Update your secondary email address on CEIBA
- Read the policy thoroughly

Enjoy the Class! Questions?