CSCA08 FALL 2015
WEEK 10 – TWELBHELUKN

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University of Toronto Scarborough

November 17, 2015

CSCA08 Fall 2015
Week 10 – INHERITANCE

Bo(Kenny) Zhao

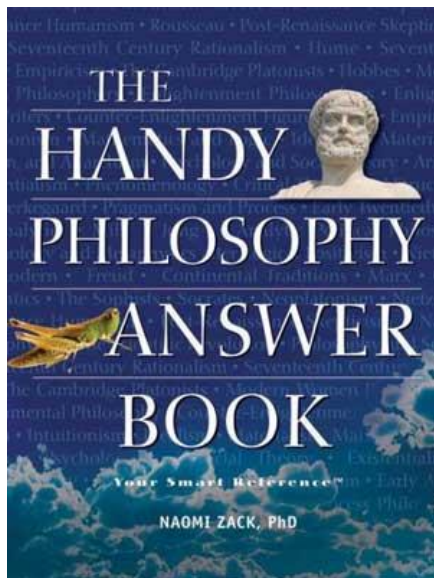University of Toronto Scarborough

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LEARNING OBJECTIVES

• At the end of the tutorial, you will be able to …
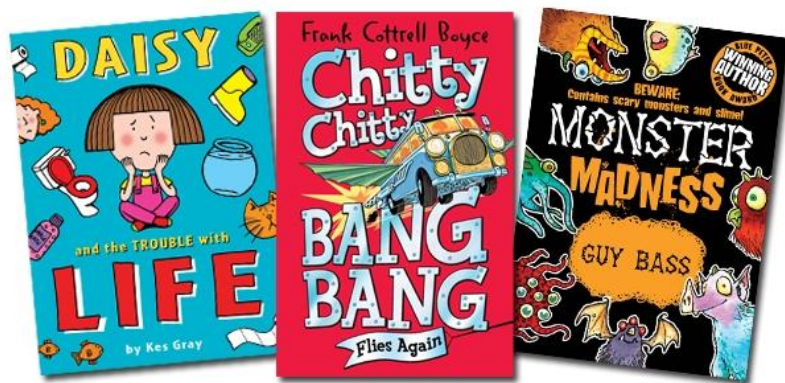
  Understand <u>what is inheritance relation</u> (~35 mins)

  - Book - Kids book example

  - methods

  - method overriding

CLASSES

Book

Kids book

EXERCISE

- Which of following is the correct relationship for **book** and **kids book**

    A. A book *has-a* kids book.

    B. A kids book *has-a* book.

    C. A book is *part-of-a* kids book.

    D. A kids book is *part-of-a* book.

    E. A book *is-a* kids book.

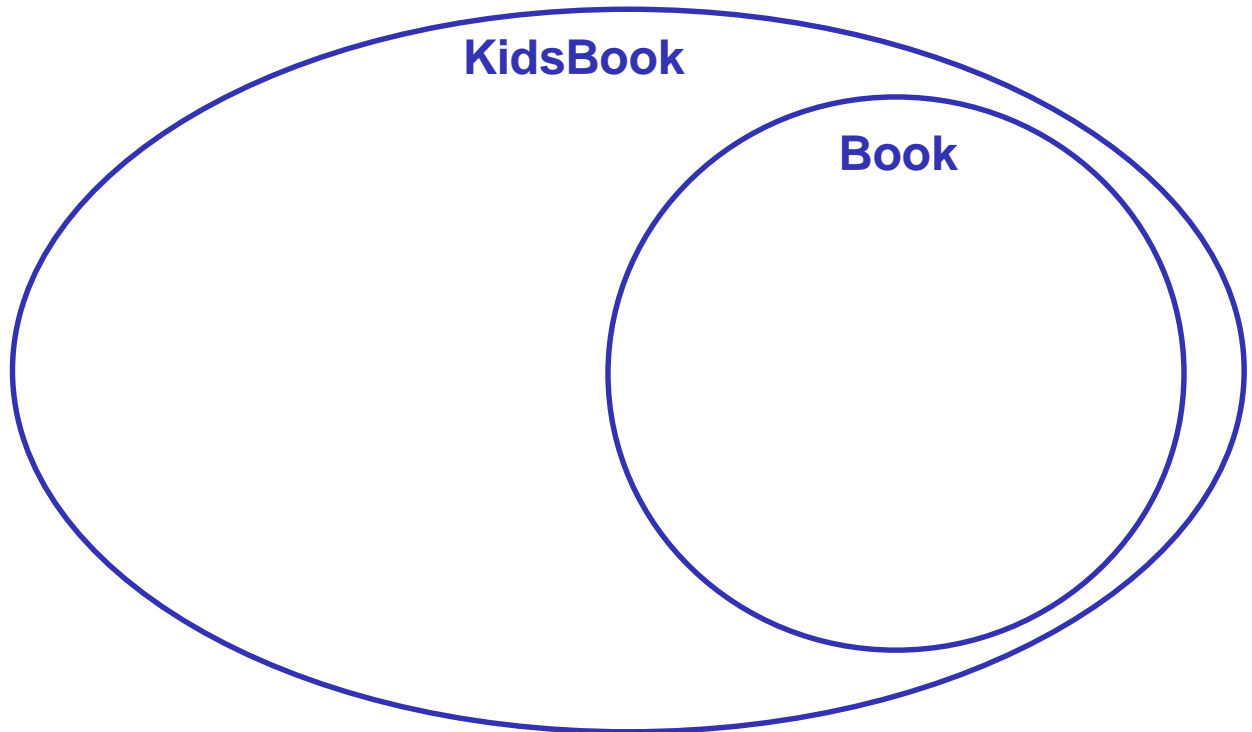   F. A kids book *is-a* book. ✓

    INHERITANCE

    G. None of above

THINK OF WHAT THEY HAVE AND WHAT THEY DO

- **A kids book** *is-a* **book.**

INHERITANCE

- title
- author
- num_pages
- min_age
- max_age

KidsBook

Book

INHERITANCE

- **To Wing**