

whiteboard +
marker





Modules, Composition, and Inheritance

Relationships between classes

Composition

- ✓ **has_a**
- ✓ **one contains or owns the other**

The aquarium **has_a** fish.

Inheritance

- ✓ **is_a**
- ✓ **a shared parent**
- ✓ **one is**

A hula hoop **is_a** toy, and a Frisbee **is_a** toy.

Shared Module

- ✓ **can shared ability or behavior**

A superhero and a donkey **can** both kick.

Let's play a game.

- ➊ Split into threes or fours.
- ➋ Try to find a composition, inheritance, or shared module relationship between the two objects or entities shown.















