

Term 2

Lesson 9

Abstract Classes

Abstract Classes

Abstract Class

abstract can modify a parent class

Cannot be instantiated

Some of the methods in the parent class are **abstract**.

abstract methods only have the header, no code inside.

Abstract Classes

Abstract Class

Parent class **DEFINES** behavior by listing **abstract** methods.

Child class **IMPLEMENTS** behavior by writing out the full code for the method.

Abstract Classes

abstract = To Do List

Abstract Classes

What if...?

the child class does not finish ALL of the abstract methods from the parent class?

This class is also **abstract**

It is like it inherits the abstraction.

Abstract Classes

So When Does Abstraction End?

When ALL of the abstract methods are written.

This is like everything on the to-do list
has been done