Inheritance

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START

What keyword is used to establish an inheritance relationship?

EXTENDS

SHOW

How many parent classes can a child class have?

ONE

What is it called when we rewrite a method from the parent class into the child class (the method has the same name)?

OVERRIDING

BACK   **SHOW**   **NEXT**

What keyword is used so that the child class can access the methods and attributes of the parent class?

SUPER

What is polymorphism?

POLYMORPHISM IS THE IDEA THAT A PARENT CLASS CAN "TAKE ON THE SHAPE OF ANY OF ITS CHILD CLASSES."

BACK **SHOW** **NEXT**

What is it called when we have two methods of the same name in the same class?

OVERLOADING

Pizza is a child class of Food. Will the following code compile?
Food myFood = new Pizza();

YES

What kind of relationship does Tea have with a Drinks class?

IS-A

Do you have to write super() at the beginning of the constructor for the child class?

NO, IT IS IMPLIED.

BACK **SHOW** **NEXT**

Apple is a child class of Fruit. Will the following code compile?
Apple myApple = new Fruit();

NO

BACK   **SHOW**   **NEXT**

What kind of relationship does Size have with a Clothing class?

HAS-A

The End

RESTART?