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Java super Keyword

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Example

Using `super` to call the superclass of `Dog` (subclass):

```
class Animal { // Superclass (parent)
  public void animalSound() {
    System.out.println("The animal makes a sound");
  }
}

class Dog extends Animal { // Subclass (child)
  public void animalSound() {
    super.animalSound(); // Call the superclass method
    System.out.println("The dog says: bow wow");
  }
}

public class Main {
  public static void main(String args[]) {
    Animal myDog = new Dog(); // Create a Dog object
    myDog.animalSound(); // Call the method on the Dog object
  }
}
```

Try it Yourself »

Definition and Usage

The `super` keyword refers to superclass (parent) objects.

It is used to call superclass methods, and to access the superclass constructor.

The most common use of the `super` keyword is to eliminate the confusion between superclasses and subclasses that have methods with the same name.

To understand the `super` keyword, you should have a basic understanding of Inheritance and Polymorphism.

Related Pages

Read more about inheritance (subclasses and superclasses) in our Java Inheritance Tutorial.

Read more about polymorphism in our Java Polymorphism Tutorial.

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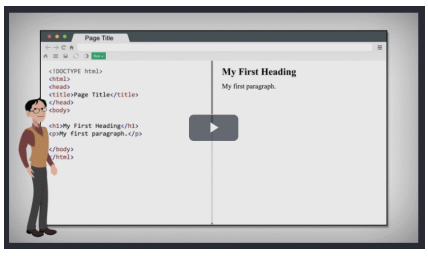

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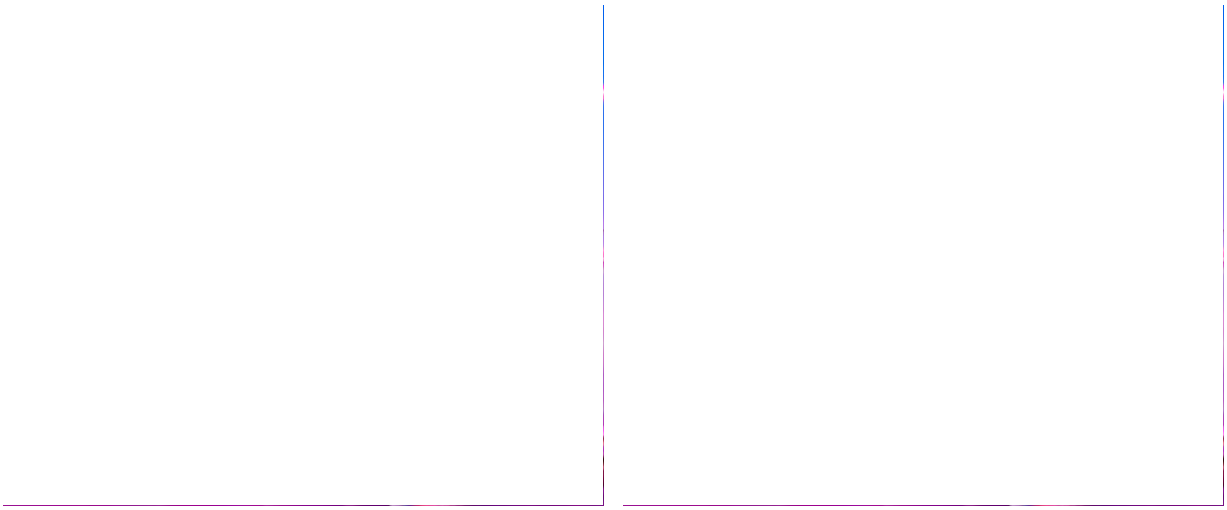

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