

# Solution Review: Implement the Parametrized Constructor

This review provides a detailed analysis to solve the 'Implement the Parametrized Constructor' challenge.

## WE'LL COVER THE FOLLOWING ^

- Solution
  - Explanation

## Solution #

```
// Base Class
class Laptop {

    // Private Data Members
    private String name;

    public Laptop() { // Default Constructor
        name = "";
    }

    public Laptop(String name) { // Default Constructor
        this.name = name;
    }

    // Getter Function
    public String getName() {
        return name;
    }

}

// Derived Class
class Dell extends Laptop {

    public Dell() { // Default Constructor

    }

    public Dell(String name) { // Parametrized Constructor
        super(name);
    }

    public String getDetails() {
```



```
public String getDetails() {  
    return getName();  
}  
  
public static void main(String args[]) {  
    Dell dell = new Dell("Dell Inspiron");  
    System.out.println(dell.getDetails());  
}  
}
```



## Explanation #

- **Line 30:** The `super()` keyword is used to call the base class constructor. When we create the derived class object, it first calls the base class constructor and sets the `name` of the Laptop.