

## Challenge 2: Implement the Parametrized Constructor

Can you implement the Derived Class Parametrized constructor? A solution is placed in the "solution" section to help you, but we would suggest you try to solve it on your own first.

### WE'LL COVER THE FOLLOWING ^

- Problem Statement
  - Input
  - Output
  - Sample Input
  - Sample Output
- Coding Exercise

## Problem Statement #

Implement the constructor `Dell(String name)` of the **Derived Class** `Dell` which takes a string, `name`. We have already implemented the **Base Class** `Laptop` with the member function `getName()` and a parameterized constructor.

## Input #

Laptop name is being passed through the parameterized constructor.

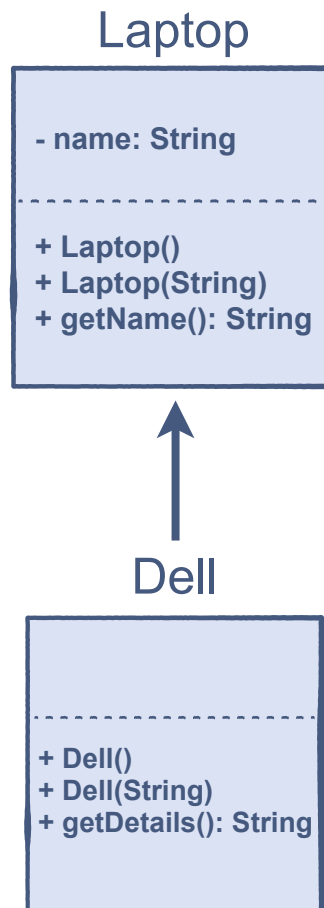
## Output #

`getName()` method is returning Laptop name.

## Sample Input #

```
Dell dell = new Dell("Dell Inspiron");
```

## Sample Output #



Based and Derived Classes Structure

## Coding Exercise #

First, take a close look and design a step-by-step algorithm before jumping to the implementation. This problem is designed for your practice, so initially try to solve it on your own. If you get stuck, you can always refer to the solution provided in the solution review. Good Luck!

```
// Derived Class
class Dell extends Laptop {

    public Dell() { // Default Constructor
    }

    public Dell(String name) { // Parametrized Constructor

        // Write your code here

    }

    public String getDetails() {
        return getName();
    }
}
```



```
}  
}
```



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The solution will be explained in the next lesson.