Challenge 2: Calling a Constructor from a Constructor

Can you call a constructor from another constructor? A solution is placed in the "show solution" section to help you, but we would suggest you try to solve it on your own first.

Problem Statement

A class can have multiple parameterized constructors which can call each other.

You are given a partially completed code of a `VendingMachine` class in the editor. Implement a new parametrized constructor by making use of the already declared constructor which assigns values to all the declared fields.

For the ease of understanding, all the fields are declared as `string` irrespective of the type of data they store.

Input

_count, _capacity, _moneyCollected

Output

When the parameterized constructor that you implemented, is called, the declared fields should be initialized accordingly.

```
VendingMachine vendy = new VendingMachine("Count: 45", "Capacity: 50", "Mo
ney Collected: 440$");
```

Sample Output

All the fields should store the respective data.

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 section.

Good luck!

```
// VendingMachine class
class VendingMachine {

  // Private Fields
  private string _count;
  private string _capacity;
  private string _moneyCollected;

  // Default Constructor
  public VendingMachine() {

    this._count = "";
    this._capacity = "";
    this._moneyCollected = "";
  }

  // Parameterized Constructor 1
  public VendingMachine(string count, string capacity) {

    this._count = count;
    this._capacity = capacity;
  }

  // Parameterized Constructor 2
  // Write your code to modify the below constructor
  public VendingMachine(string count, string capacity, string money)
  {

  }

  // Method to return vending machine details
  public string GetDetails() {
```

```
    return this._count + ", " + this._capacity + ", " + this._moneyCollected;
  }

}
```

The solution will be explained in the next lesson.