Credit Name: CSE 2140 2nd Language Programming
Assignment Name: E14 Project

Decribe the errors you've encountered while working on this assignment. What caused the error and how do you overcome the error?

I initially wanted to do a loop for this project so that the same statement repeats three times for each candidate but nothing was posting:

```
package Mastery

import java.util.Scanner;

public class E14Project {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        // States and candidates arrays to store results for Awbrey and Martinez
        String[] states = {"New York", "New Jersey", "Connecticut"};
        int[] awbreyVotes = new int[3];
        int[] martinezVotes = new int[3];

        // Collect votes for each state
        for (int i = 0; i < states.length; i++) {
            System.out.print("Please enter Awbrey's election results for " + states[i] + ": ");
            awbreyVotes[i] = scanner.nextInt();
            totalAwbrey += awbreyVotes[i];

            System.out.print("Please enter Martinez's election results for " + states[i] + ": ");
            martinezVotes[i] = scanner.nextInt();
            totalMartinez += martinezVotes[i];
        }
```

I couldn't figure out what was happening so I then decided to just make three statements for each:

```java
package Mastery;

import java.util.Scanner;

public class E14Project {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
        System.out.print("Please enter Awbrey's election results for New York:");
        int A1 = scanner.nextInt();
        System.out.print("Please enter Martinez's election results for New York:");
        int M1 = scanner.nextInt();
        System.out.print("Please enter Awbrey's election results for New Jersey:");
        int A2 = scanner.nextInt();
        System.out.print("Please enter Martinez's election results for New Jersey:");
        int M2 = scanner.nextInt();
        System.out.print("Please enter Awbrey's election results for Connecticut:");
        int A3 = scanner.nextInt();
        System.out.print("Please enter Martinez's election results for Connecticut:");
        int M3 = scanner.nextInt();
        int total = (A1 + A2 + A3 + M1 + M2 + M3);
        int totalA = (A1 + A2 + A3);
        int totalM = (M1 + M2 + M3);
        double A = (double)((totalA*100)/total);
        double M = (double)((totalM*100)/total);
        System.out.println("Candidate-----Votes--Percentage");
        System.out.println("Awbrey-------"+totalA+"------"+A+"%");
        System.out.println("Martinez-----"+totalM+"------"+M+"%");
        System.out.println("Total Votes:"+total);
    }
}
```

This method ran the code with no issues.