

Credit Name: CSE 2140 2nd Language Programming

Assignment Name: E14 Project

How has your program changed from planning to coding to now? Please explain?

I initially wanted to attempt to use a loop for the inputs for the votes of each candidate:

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];

}

It ended up coming back with too many errors and I just couldn't figure out why so I change my approach to a couple statements with independent variables:

```
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 made it easier for me to understand and identify errors.