ReflectionLog: Election

```
1   package Mastery;
2
3⊕  import java.text.DecimalFormat;□
5
6   public class election {
7
8⊖      public static void main(String[] args) {
9               // TODO Auto-generated method stub
10              //Getting ready to record user inputs
11              Scanner Input = new Scanner(System.in);
12              //Getting decimal format ready to format percentages
13              DecimalFormat formatter = new DecimalFormat("#.##");
```

Getting ready to record user inputs and set standard for decimal format

```
18              //prompting user for votes in each state and recording them
19              //NewYork section
20          System.out.println("Election results for New York:");
21          System.out.print("Trump: ");
22          trumpNYVotes = Input.nextInt();
23          System.out.print("Kamala: ");
24          kamalaNYVotes = Input.nextInt();
25          //NewJersey section
26          System.out.println("Election results for New Jersey:");
27          System.out.print("Trump: ");
28          trumpNJVotes = Input.nextInt();
29          System.out.print("Kamala: ");
30          kamalaNJVotes = Input.nextInt();
31          //Connecticut section
32          System.out.println("Election results for Conneticut:");
33          System.out.print("Trump: ");
34          trumpConVotes = Input.nextInt();
35          System.out.print("Kamala: ");
36          kamalaConVotes = Input.nextInt();
```

Prompt user to input how many votes each candidate got in each state and record them

```
7               //add up all the votes to get each candidates total from the three states
8           trumpTotVotes = trumpNYVotes + trumpNJVotes + trumpConVotes;
9           kamalaTotVotes = kamalaNYVotes + kamalaNJVotes + kamalaConVotes;
0               //Add totals of both candidates to get total votes
1           totVotes = trumpTotVotes + kamalaTotVotes;
```

Added up the votes each candidate got in all three states to get each candidates total votes than added those to get total of all votes

```
2               //get the percentage of votes each candidate got out of total votes
3           trumpPer = (Double.valueOf(trumpTotVotes)/Double.valueOf(totVotes)) * 100;
4           kamalaPer = (Double.valueOf(kamalaTotVotes)/Double.valueOf(totVotes)) * 100 ;
```

Then divided each candidates total votes by total of all votes to get each candidates vote percentages

```
45          //outputting each candidates total votes, their percentage, and the total votes
46          System.out.println("Candidate    Votes  Percentage");
47          System.out.println("Trump:       " + trumpTotVotes + "    "+ formatter.format(trumpPer) + "%");
48          System.out.println("Kamala:      " + kamalaTotVotes + "   "+ formatter.format(kamalaPer) + "%");
49          System.out.println("TOTAl VOTES:   " + totVotes);
50
```

Then will output total votes each candidate got their percentage and total of all votes.