

Assignment name: Project - E14 Mastery Project - Election
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Reflection Log

Prompting user to enter election results for each city (Shown below)

```
Scanner Userinput = new Scanner (System.in);
System.out.print("What are Awbrey's results in New York: ");
int AwbreyNY = Userinput.nextInt();
System.out.print("What are Awbrey's results in New Jersey: ");
int AwbreyNJ = Userinput.nextInt();
System.out.print("What are Awbrey's results in Conneticut: ");
int AwbreyCON = Userinput.nextInt();
System.out.print("What are Martinez's results in New York: ");
int MartinezNY = Userinput.nextInt();
System.out.print("What are Martinez's results in New Jersey: ");
int MartinezNJ = Userinput.nextInt();
System.out.print("What are Martinez's results in Conneticut: ");
int MartinezCON = Userinput.nextInt();
```

Displays election results for each city

```
System.out.println("Election Results for New York:");
System.out.println("Awbrey:  " + AwbreyNY);
System.out.println("Martinez: " + MartinezNY);
System.out.println(" ");

System.out.println("Election Results for New Jersey:");
System.out.println("Awbrey:  " + AwbreyNJ);
System.out.println("Martinez: " + MartinezNJ);
System.out.println(" ");

System.out.println("Election Results for Conneticut:");
System.out.println("Awbrey:  " + AwbreyCON);
System.out.println("Martinez: " + MartinezCON);
System.out.println(" ");
```

Calculates total votes for each candidate then turns into percentage (Show below)

```
int AwbreyTotal = AwbreyNY + AwbreyNJ + AwbreyCON;
int MartinezTotal = MartinezNY + MartinezNJ + MartinezCON;
int ElectionTotal = AwbreyTotal + MartinezTotal;

double AwbreyPercentage =(double) AwbreyTotal / ElectionTotal * 100;
double MartinezPercentage =(double) MartinezTotal / ElectionTotal * 100;
```

Outputs percentage of votes for each candidate and total votes (Shown below)

```
System.out.println("Candidate    Votes    Percentage");
System.out.println(" ");
System.out.println("Awbrey        "+ AwbreyTotal + "        " + nf.format(AwbreyPercentage/0.1));
System.out.println("Martinez      "+ MartinezTotal + "        " + nf.format(MartinezPercentage/0.1));
System.out.print("TOTAL VOTES: " + (MartinezTotal + AwbreyTotal));
```