Logic:

Set total votes = 0

Initiliaze a list candidate\_list (list1)

Initialize a dict candidate\_votes (dict1)

Set a variable w1 for winning candidate= “ “

Set a variable w1-cnt to 0

1. open file
   1. skip first row
   2. for each of the successive rows (**loop1**)
      1. add 1 to total votes
      2. assign row[2] to a variable say c\_name
      3. if c\_name (the candidate) is not in list1
         1. append name to list
         2. set vote\_value of candidate name to 0.

add 1 to value of vote for the corresponding candidate.

Once b is complete we will have a list1 with all candidates and dict1 with all the votes for each candidate.

Print list1 and dict1 to verify.

* 1. For each candidate in list1(**loop2**)
     1. Numvotes = dict1.get(candidate)
     2. Vote% = (Numvotes / total\_votes ) \* 100
     3. If Numvotes > w1
        1. Set w1 to winning candidate
        2. w1-cnt to Numvotes.
     4. Print candidate name, vote % and Numvotes.
     5. Save the same to the file.
  2. At the end of the loop in c, w1 will have winning candidate and w1-cnt will have the winning candidate voter count.