



# CSE PROJECT

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# ELECTION OF CANDIDATES



# **PROJECT TITLE**



## **ELECTION OF CANDIDATES**

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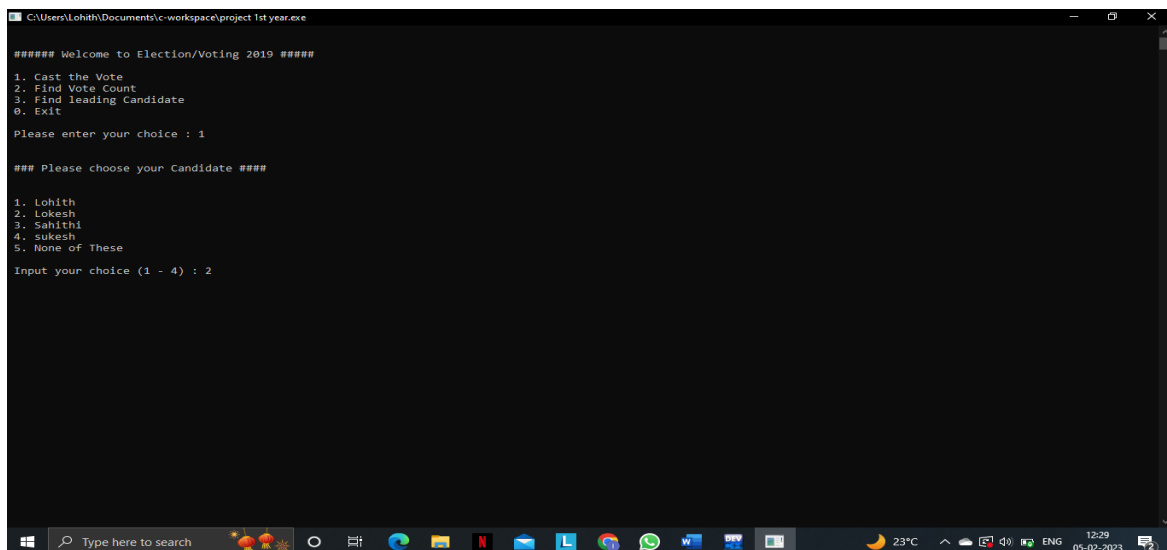
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- **AIM:** To provide a computer-based application for the casting of votes which enables users to find the result in a short amount of time as the time invested in the count of votes is saved. The names of candidates participating in the election will be displayed so it is easy for users to make comparisons among candidates and select the candidate of their choice. The winner of the elections conducted is announced in no time
- **ABSTRACT:** Election of candidates: As the name indicates, it is used in elections to cast votes and used to calculate the vote counting, and declare the winner of elections. Election of candidates is a software application developed to conduct elections according to necessity. The application works on any windows/android device and mainly focuses on casting, counting votes, and declaring the leading candidate according to the votes has cast
- **TECHNOLOGY USED:** This project is done by using the following technologies:
  - 1. Dev C++
  - 2. online c compiler
  - 3. Visual studio code
- **SAMPLE SCENARIO:** Traditionally, people use ballot boxes and papers for casting votes. After the casting of votes, the counting of votes is done by humans which takes a lot of time waste and sometimes wrong counting may also take place. Having Elections of the candidate's code, we can over cross all

these problems and it helps make all these aspects easier. After execution of the code, it shows the options like 1. casting of votes, 2. find vote counting 3. find the leading candidate and 0. exit. The end user may choose their respective option according to their situation. After choosing options, our code allows to cast vote if the end user chooses to press 1. casting of votes. If the end user chooses 2. find vote counting, the votes for the respective candidates will be seen on the screen. If the end user chooses 3. Find the leading candidate the winner of the election is seen on the screen. And finally, for exiting elections the end user has to press 0. Thus, the creation of candidates helps in doing the processes easier and also saves the valuable time of the end-user.

- **ASSUMPTIONS TAKEN:** In this program, we are assuming 4 members as the candidates in the election. In this program, we are giving the input as votes (vote casting). And we are expecting the output as vote counting and declaration of leading of candidate. And the concepts used here are a few pre-processor directives, functions, if- else if statements, while statements, switch cases to complete our code, and execution of our program. The user should have the appropriate version of windows and any type of operating system. And 2GB RAM is the minimum requirement for this project. And this project doesn't require any additional software.

- **DETAILS HANDLED:** The input taken is voted casting of end-users. The following conditions are checked: If the votes for the 1<sup>st</sup> candidate are greater than the 2nd and 3rd and 4th candidates then print the leading candidate as candidate 1. If the votes for the 2nd candidates are greater than the 3rd and 1st candidates then print the leading candidate as candidate 2. If the votes for the 3rd candidate are greater than the 4th and 1st and 2nd candidates then print the leading candidate as candidate 3. If the votes for the 4th candidate are greater than the 1st and 2nd and 3rd candidates then print the leading candidate as candidate 4. Except for these situations, the code shows no winning chances for all the candidates, according to the votes obtained.
- **SAMPLE INPUT AND OUTPUT:** The input given to the program is voted (vote casting). The output given from the code is vote counting and the declaration of the leading candidate.



```

C:\Users\Lohith\Documents\c-workspace\project 1st year.exe

##### Welcome to Election/Voting 2019 #####
1. Cast the Vote
2. Find Vote Count
3. Find leading Candidate
0. Exit
Please enter your choice : 1

### Please choose your Candidate ###
1. Lohith
2. Lokesh
3. Sahithi
4. Sukesh
5. None of These
Input your choice (1 - 4) : 2

```

```
C:\Users\Lohith\Documents\c-workspace\project 1st year.exe

Input your choice (1 - 4) : 2
Thanks for vote !!

##### Welcome to Election/Voting 2019 #####

1. Cast the Vote
2. Find Vote Count
3. Find leading Candidate
0. Exit

Please enter your choice : 1

### Please choose your Candidate ###

1. Lohith
2. Lokesh
3. Sahithi
4. suresh
5. None of These

Input your choice (1 - 4) : 1_
```

```
C:\Users\Lohith\Documents\c-workspace\project 1st year.exe

Input your choice (1 - 4) : 1
Thanks for vote !!

##### Welcome to Election/Voting 2019 #####

1. Cast the Vote
2. Find Vote Count
3. Find leading Candidate
0. Exit

Please enter your choice : 1

### Please choose your Candidate ###

1. Lohith
2. Lokesh
3. Sahithi
4. suresh
5. None of These

Input your choice (1 - 4) : 1
```

```
C:\Users\Lohith\Documents\c-workspace\project 1st year.exe

Input your choice (1 - 4) : 1

Thanks for vote !!

##### Welcome to Election/Voting 2019 #####

1. Cast the Vote
2. Find Vote Count
3. Find leading Candidate
0. Exit

Please enter your choice : 2

##### Voting Statics #####
Lohith - 2
Lokesh - 1
Sahithi - 0
sukesh - 0
Spoiled Votes - 0

##### Welcome to Election/Voting 2019 #####

1. Cast the Vote
2. Find Vote Count
3. Find leading Candidate
0. Exit

Please enter your choice : _
```

```
C:\Users\Lohith\Documents\c-workspace\project 1st year.exe

##### Welcome to Election/Voting 2019 #####

1. Cast the Vote
2. Find Vote Count
3. Find leading Candidate
0. Exit

Please enter your choice : 3

#### Leading Candidate ####
[Lohith]

##### Welcome to Election/Voting 2019 #####

1. Cast the Vote
2. Find Vote Count
3. Find leading Candidate
0. Exit

Please enter your choice :
```

## ALGORITHM:

STEP1: Start

- STEP2: The end user is allowed to see the following statements
  - Welcome to the elections
  - 1. cast the vote
  - 2. find the vote
  - 3. find the leading candidate
  - 4. exit
- Step 3: end-user has to press their choice. Like 1 for the casting of votes
- If 1 is pressed and the end-user used has to see the available candidates who stand in elections.
- Step4: End user to see 'please choose your candidate'
  - 1. candidate1
  - 2. candidate2
  - 3. candidate3
  - 4. candidate4
  - 5. none
- End user has to choose the candidate whom he wants to vote for.
- Step 5: if the end-user wants to vote press the numbers given according to the candidates in case the end user presses any number of other candidates 'numbers. u will see the wrong choice please retry.
- step6: all the end users have to follow this process until the casting of votes get completed



- step7: then the program again shows step 2 and if the end-user presses 2 for vote counting.
- step8: the votes got by respective candidates are displayed
- step9: the program again shows step 2 and the end user has to press 3 for finding the leading candidate.
- step10: the end user is allowed to see the leading candidate or the winner of the elections.
- step11: after the completion of elections press 0 to exit.
- step12: stop.
- **END USER:** Election of candidates allows the voters who are 18 and above 18 as their age. not only that and who belongs to our country is also had to take into regard we say that the end-users are the people who belong to our country and have their voter cards and any identification card like Aadhaar/white card and their age must be 18 and above are considered as the end users of this.
- **CONCLUSION:** The election of candidates is the project which is used to conduct the elections properly without any errors expenditure for conducting the elections is also get reduced by our program and our program gives results without any errors In a democratic country, people have the right to choose their leader and this process helps them to find a good leader who can pave the right path.

## **ROLL NUMBERS:**

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**LOHITH MARNENI - AP22110011121**

**SUKESH PAMUJULA - AP22110011178**

**SAHITHI MUKKAMALA - AP22110011133**

**- THE END -**

