***Aim:*** To check who is the winner of election

***Algorithm:***

1.Intialize a and b as 0

2.Take value of no. of people are voting

3.Take value to vote candidates till <n

4.if :

Vote people is a a=a+1

Else if:

Vote people is b=b+1

Else:

Error

5.If :

a>b

print “ A is the winner”

else if :

b>a

print “ B is the winner”

else:

print” No winner election is tied”

**Code:**

#include <stdio.h>

int main()

{

int a=0;

int b=0;

int i,n;

printf("Enter the total number of people have to be vote: ");

scanf ("%d",&n);

int e;

for(i=0;i<n;i++)

{

printf("\n\n\n \*\*WELCOME TO ELECTION\*\* \n\n\n");

printf("There are two parties: \n \n \t\t CANDIDATE 1 \t\t\t\t\t\t CANDIDATE 2\n \n To vote select\n\n \t1.FOR CANDIDATE 1 \n \t2.FOR CANDIDATE 2");

printf("\n\nSelect your option :");

scanf("%d",&e);

if(e==1)

{

a=a+1;

}

else if(e==2)

{

b=b+1;

}

else

{

printf("\n\n\n^^^^^^^^^^^^ ERROR ^^^^^^^^^^^^\n\n\n");

}

}

if(a>b)

{

printf("\n\n\n^^^^^^^^^^^^ WINNER OFTHE ELECTION IS ^^^^^^^^^^^^\n\n");

printf(" CANDIDATE 1");

}

else if (a<b)

{

printf("\n\n\n^^^^^^^^^^^^ WINNER OFTHE ELECTION IS ^^^^^^^^^^^^\n\n");

printf(" CANDIDATE 2");

}

else

{

printf("\n\n\n^^^^^^^^^^^^ ELECTION IS TIED BOTH PARTY GOT EQUAL VOTES ^^^^^^^^^^^^\n\n");

}

return 0;

}

***Sample Input:***

A screenshot of a computer

Description automatically generated with medium confidence

A screenshot of a computer

Description automatically generated

***Sample Output:***

***![Graphical user interface, text

Description automatically generated]()***