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#include stdio.h>

#define CANDIDATE_COUNT

#define CANDIDATE1 "Rohan" #define CANDIDATE2 "Rakesh" #define
CANDIDATE3 "Shrundan" #define CANDIDATE4 "Mohith"

int votesCount1=0, votesCount2=0, votesCount3=0, votesCount4=0,
nota=0;

void castVote(){ int choice;

printf("\n\n ### Please choose your Candidate ####\n\n");

printf("\n 1. %s", CANDIDATE1); printf("\n 2. %s", CANDIDATE2);
printf("\n 3. %s", CANDIDATE3); printf("\n 4. %s", CANDIDATE4);
printf("\n 5. %s", "None of These");

printf("\n\n Input your choice (1 - 4) : "); scanf("%d",&choice);

switch(choice){

case 1: votesCount1++; break; case 2: votesCount2++; break; case 3:
votesCount3++; break; case 4: votesCount4++; break; case 5: nota++;
break;

default: printf("\n Error: Wrong Choice !! Please retry");

//hold the screen  getch();

}

printf("\n thanks for vote !!");

}

void votesCount(){

printf("\n\n ##### Voting Statics #####"); printf("\n %s - %d ",
CANDIDATE1, votesCount1); printf("\n %s - %d ", CANDIDATE2,
votesCount2); printf("\n %s - %d ", CANDIDATE3, votesCount3);
printf("\n %s - %d ", CANDIDATE4, votesCount4); printf("\n %s - %d ",
"nota", spoiledtvotes);

void getLeadingCandidate(){

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printf("\n\n #### Leading Candidate ####\n\n");
if(votesCount1>votesCount2 && votesCount1>votesCount3 &&
votesCount1 >votesCount4)
printf("[%s]",CANDIDATE1);
else if (votesCount2>votesCount3 && votesCount2>votesCount4 &&
votesCount2 >votesCount1)
printf("[%s]",CANDIDATE2);
else if(votesCount3>votesCount4 && votesCount3>votesCount2 &&
votesCount3 >votesCount1)
printf("[%s]",CANDIDATE3);
else if(votesCount4>votesCount1 && votesCount4>votesCount2 &&
votesCount4 >votesCount3)
printf("[%s]",CANDIDATE4);
else
printf("----- Warning !!! No-win situation----");
}

```

```

int main()
{
int i;
int choice;
do{
printf("\n\n ##### Welcome to Election/Voting 2019 #####");
printf("\n\n 1. Cast the Vote");

printf("\n 2. Find Vote Count"); printf("\n 3. Find leading Candidate");
printf("\n 4. Exit");

printf("\n\n Please enter your choice : "); scanf("%d", &choice);

```

```
switch(choice)
{
case 1: castVote();break;
case 2: votesCount();break;
case 3: getLeadingCandidate();break; default: printf("\n Thanks for
Voting");
}while(choice!=0);
//hold the screen  getchar();
return 0;
}
```