Code

* #include<stdio.h>
* #define CANDIDATE\_COUNT
* #define CANDIDATE1 “Jasmine”
* #define CANDIDATE2 "Manogna”
* #define CANDIDATE3 "Manasa"
* #define CANDIDATE4 "Niharika"
* int votesCount1=0, votesCount2=0, votesCount3=0, votesCount4=0, spoiledtvotes=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: spoiledtvotes++; break;
* default: printf("\n Error: Wrong Choice !! Please retry");
* //hold the screen
* getchar();
* }
* printf("\n Thanks for vote !!");
* }
* void votesCount()
* {
* printf("\n\n ##### Voting Statics ####");
* printf("\n %s - %d ", CANDIDATE1, votesCount1);
* printf("\n %s - %d ", CANDIDATE1, votesCount2);
* printf("\n %s - %d ", CANDIDATE1, votesCount3);
* printf("\n %s - %d ", CANDIDATE1, votesCount4);
* printf("\n %s - %d ", "Spoiled Votes", spoiledtvotes);
* }
* void getLeadingCandidate()
* {
* printf("\n\n #### Leading Candiate ####\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 0. 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 Error: Invalid Choice");
* }
* }
* while(choice!=0);
* //hold the screen
* getchar();
* return 0;
* }
* Group Details :

1.Bhargav Sai Rohith T - AP20110010529 2.Manogna Marneni - AP20110010542 3.Anusha Kandula - AP20110010562