**UNIVERSITY INSTITUTE OF COMPUTING**

**MASTER OF COMPUTER APPLICATIONS**

**WINNING CAMP**

**PROJECT TITLE - VOTING SYSTEM**

**NAME:-ABHAY KUMAR**

**UID:-21MCA2775**

# include <stdio.h>

int bjp=0, congress=0, aap=0, bsp=0;

void electionResult()

{

    int wonByVote;

    if (bjp > congress && bjp > aap && bjp > bsp)

    {

        printf("\n\*\*\*BJP won the election\*\*\*\n\n");

        printf("Total vote of BJP : %d\n",bjp);

        wonByVote=bjp-congress;

        printf("BJP won by %d votes to Congress\n",wonByVote);

        wonByVote=bjp-aap;

        printf("BJP won by %d votes to AAP\n",wonByVote);

        wonByVote=bjp-bsp;

        printf("BJP won by %d votes to BSP\n",wonByVote);

    }

    else if (congress > aap && congress > bsp)

    {

        printf("\n\*\*\*Congress won the election\*\*\*\n\n");

        printf("Total vote of Congress : %d\n",congress);

        wonByVote=congress-bjp;

        printf("Congress won by %d votes to BJP\n",wonByVote);

        wonByVote=congress-aap;

        printf("Congress won by %d votes to AAP\n",wonByVote);

        wonByVote=congress-bsp;

        printf("Congress won by %d votes to BSP\n",wonByVote);

    }

    else if (aap > bsp)

    {

        printf("\n\*\*\*AAP won the election\*\*\*\n\n");

        printf("Total vote of AAP : %d\n",aap);

        wonByVote=aap-congress;

        printf("AAP won by %d votes to Congress\n",wonByVote);

        wonByVote=aap-bjp;

        printf("AAP won by %d votes to BJP\n",wonByVote);

        wonByVote=aap-bsp;

        printf("AAP won by %d votes to BSP\n",wonByVote);

    }

    else if(bjp == congress && bjp == aap && bjp == bsp)

    {

        printf("\nNo one won the election\n\n");

        printf("            BJP---Congress---AAP---BSP\n");

        printf("Total Vote   %d       %d        %d     %d\n",bjp,congress,aap,bsp);

    }

    else

    {

        printf("\n\*\*\*BSP won the election\*\*\*\n\n");

        printf("Total vote of BSP : %d\n",bsp);

        wonByVote=bsp-congress;

        printf("BSP won by %d votes to Congress\n",wonByVote);

        wonByVote=bsp-aap;

        printf("BSP won by %d votes to AAP\n",wonByVote);

        wonByVote=bsp-bjp;

        printf("BSP won by %d votes to BJP\n",wonByVote);

    }

}

void calculateVote(int vote)

{

    switch (vote)

    {

    case 1:

        bjp+=1;

        break;

    case 2:

        congress+=1;

        break;

    case 3:

        aap+=1;

        break;

    case 4:

        bsp+=1;

        break;

    }

}

void main()

{

    int choose;

        printf("\n\*\*\*\*\*\*\*\*\*Welcome to the simple voting system project\*\*\*\*\*\*\*\*\*\n\n");

        printf("                           election                        \n\n");

        printf("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\n");

        printf("|           1.BJP             |          2.Congress         |\n");

        printf("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\n");

        printf("|           3.APP             |          4.BSP              |\n");

        printf("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\n\n");

    do

    {

        printf("Press 1 to vote BJP\n");

        printf("Press 2 to vote Congress\n");

        printf("Press 3 to vote APP\n");

        printf("Press 4 to vote BSP\n");

        printf("Press 5 to show election result\n");

        printf("Please choose : ");

        scanf("%d", &choose);

        if (choose==5)

        {

            electionResult();

        }else

        {

            calculateVote(choose);

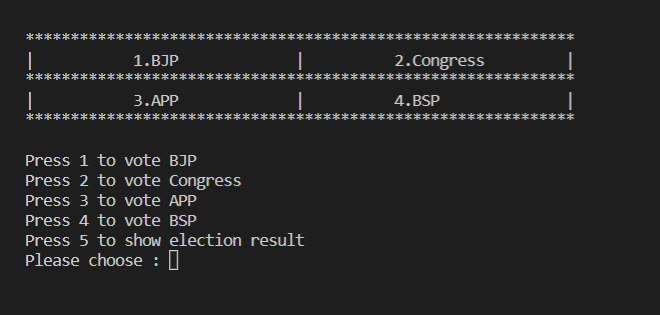
        }

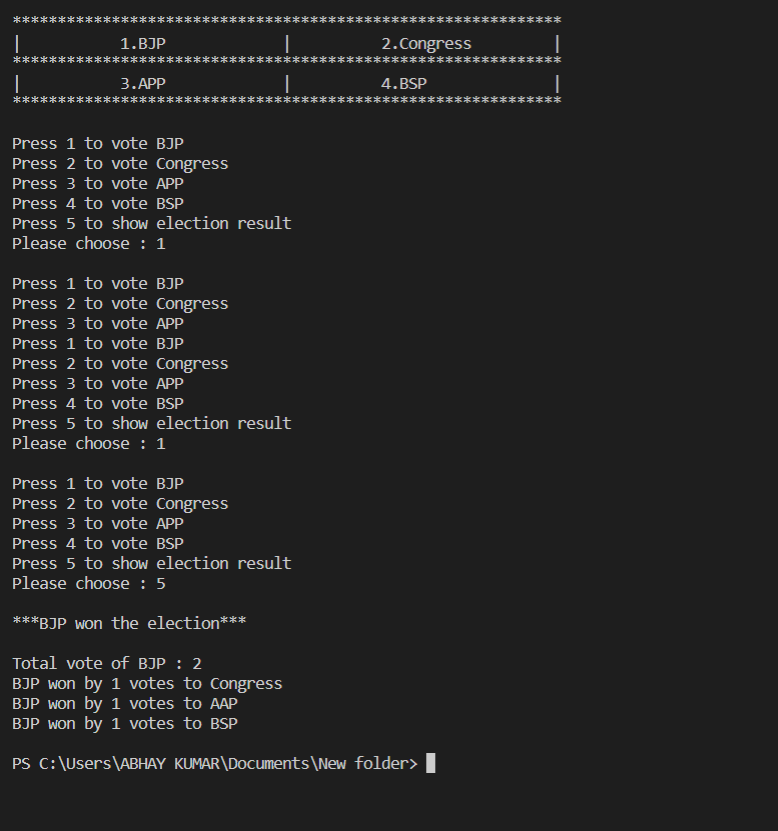
        printf("\n");

    } while (choose != 5);

}

*OUTPUT:-*

**

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