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#include<stdio.h>
#include<conio.h>

void main()
{
    int a=0, b=0, c=0, iv=0, ch, nv;
    char name[20];

    printf("Enter pooling booth officer name:");
    scanf("%c", &name);

    printf("Enter number of voters:");
    scanf("%d", &nv);

    printf("Each party initial votes:");
    printf("\nA - %d  B - %d  C - %d", a, b, c);

    getch();
    clrscr();

    while(nv > 0)
    {
        printf("\n1A  2B  3C");
        printf("\nEnter your vote:");
        scanf("%d", &ch);

        switch(ch)
        {
            case 1:a++;nv--;break;
            case 2:b++;nv--;break;
            case 3:c++;nv--;break;
            default:iv++;nv--;
        }

        clrscr();
    }

    printf("\nA - %d  B - %d  C - %d", a, b, c);
    printf("\nInvalid Votes - %d", iv);

    //-----Final Result Added-----
    if(a > b && a > c)
        printf("\nFinal Result: Party A Wins!");
    else if(b > a && b > c)

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    printf("\nFinal Result:Party BWins!");
elseif(c>a &&c>b)
    printf("\nFinal Result:Party CWins!");
else
    printf("\nFinal Result:It's a Tie!");
//-----
getch();
}
```