

C++ Lab Assessment – 04

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Qn. No: 4

C++ Program:

```
#include<iostream>
using namespace std;
int main()
{
    int i,can[5],ballot,count[6];
    char ch;

    for(i=0;i<=5;i++)
    {
        count[i]=0;
    }
    do
    {
        cout<<"\nEnter the ballot number :";
        cin>>ballot;
        switch(ballot)
        {
            case 1: count[1]++;
            break;
            case 2: count[2]++;
            break;
            case 3: count[3]++;
            break;
            case 4: count[4]++;
            break;
            case 5: count[5]++;
            break;
            default: count[0]++;
        }
        cout<<" \nWant to vote again\n";
        cin>> ch;
    }
    while(ch=='y');
    for(i=1;i<=5;i++)
    {
        cout<<"\nNo:of votes for candidate "<< i <<" = "<<count[i];
    }
    cout<<"\n Spoilt ballots are "<<count[0];
    return 0;
}
```

OUTPUT:

```
Enter the ballot number :3
Want to vote again
y
Enter the ballot number :2
Want to vote again
y
Enter the ballot number :5
Want to vote again
y
Enter the ballot number :6
Want to vote again
n
No:of votes for candidate 1 = 0
No:of votes for candidate 2 = 1
No:of votes for candidate 3 = 1
No:of votes for candidate 4 = 0
No:of votes for candidate 5 = 1
  Sploit ballots are 1
-----
Process exited after 26.81 seconds with return value 0
Press any key to continue . . .
```