

```

1  // 8.3
2  #include <stdio.h>
3
4  int main(void)
5  {
6      int n, count[5+1], spoilt_count, v, i;
7
8      printf("Enter the number of votes(ballots): ");
9      scanf("%d", &n);
10
11     // initializing...
12     for(i=1; i <= 5; ++i) count[i] = 0;
13     spoilt_count = 0;
14
15     printf("Enter the marked candidates on the ballots:\n");
16     for(i=1; i <= n; ++i){
17         scanf("%d", &v);
18
19         if( v >= 1 && v <= 5 ) count[v] ++;
20         else spoilt_count ++;
21     }
22
23     printf("Count of votes cast for the candidates\n");
24     for(i=1; i <= 5; ++i){
25         printf("Candidate No. %d: %d\n", i, count[i] );
26     }
27     printf("Count of spoilt ballots: %d\n", spoilt_count);
28
29     return 0;
30 }
31

```