

```

1  #include <stdio>
2  #include <algorithm>
3
4  int A[100001];
5  int main() {
6      int N, K, x;
7      scanf("%d%d", &N, &K);
8      std::fill(A+1, A+(N+1), 0); // Init to zeros
9      int success = 0;
10     int outBound = 0;
11     int dup = 0;
12     for(int i = 0; i < K; ++i) {
13         scanf("%d", &x);
14         if(x < 1 || x > N)
15             ++outBound;
16         else {
17             if(A[x] > 0)
18                 ++dup;
19             else
20                 ++success;
21             ++A[x];
22         }
23     }
24     printf("%d\n%d\n%d\n", success, outBound, dup);
25     int maxDup = 0;
26     for(int i = 1; i <= N; ++i) {
27         if(A[i] > maxDup)
28             maxDup = A[i];
29     }
30     for(int i = 1; i <= N; ++i) {
31         if(A[i] == maxDup)
32             printf("%d ", i);
33     }
34
35     return 0;
36 }
37

```