1.Given an array A of size N where the array elements contain values from 1 to N with duplicates, the task is to find total number of subarrays which start and end with the same element.

#include <bits/stdc++.h>

using namespace std;

void cntArray(int A[], int N)

{

int result = 0;

for (int i = 0; i < N; i++) {

result++;

int current\_value = A[i];

for (int j = i + 1; j < N; j++) {

if (A[j] == current\_value) {

result++;

}

}

}

cout << result << endl;

}

int main()

{

int A[100],N;

cin>>N;

for(int i=0;i<N; i++)

cin>>A[i];

cntArray(A, N);

return 0;

}

