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| //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. |
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|  | #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[] = { 1, 2, 1, 5, 2 }; |
|  | int N = sizeof(A) / sizeof(int); |
|  |  |
|  | cntArray(A, N); |
|  | return 0; |
|  | } |