Prg:5 date:26-5-2020

5.  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

public class Main {

public static 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++;

}

}

}

System.out.println(result);

}

public static void main(String[] args)

{

int[] A = { 1,2,1,5,2};

int N = A.length;

cntArray(A, N);

}

}

**Output:**

