**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.**

import java.util.\*;

public class Array{

public static void main(String []args){

Scanner s=new Scanner(System.in);

System.out.println("Enter the number of elements : ");

int n=s.nextInt();

System.out.println("Enter the elements into Array : ");

int a[]=new int[20];

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

a[i]=s.nextInt();

int b[]=new int[20];

int c=n;

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

{

for(int j=i+1;j<n;j++)

{

if(a[i]==a[j])

{

c++;

}

}

}

System.out.println("Total number of sub arrays : "+c);

}

}

**Output:**

