

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:**

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Language Java

Main.java

```
1 public class Main {
2     public static void cntArray(int A[], int N)
3     {
4         int result = 0;
5
6         for (int i = 0; i < N; i++) {
7             result++;
8             int current_value = A[i];
9
10            for (int j = i + 1; j < N; j++) {
11                if (A[j] == current_value) {
12                    result++;
13                }
14            }
15        }
16    }
17 }
```

input

...Program finished with exit code 0  
Press ENTER to exit console.

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