



Array Java

Assignment Questions

- Q1.** Calculate the product of all the elements in the given array.
- Q2.** Find the second largest element in the given Array in one pass.
- Q3.** Find the minimum value out of all elements in the array.
- Q4.** WAP to find the duplicate elements from the given array of elements.
- Q5.** WAP to find the smallest missing positive element in the sorted Array. (take the array as input)

```
Predict the output.
public class Main {
    public static void main(String[] args) {
        int[] sub = new int[50];

        for (int i = 0; i ≤ 48; i++) {
            sub[i] = i;
            System.out.println(sub[i]);
        }
    }
}
```

- Q6.** Count the number of elements strictly greater than x.
- Q7.** WAP to find the largest three elements in the array.
- Q8.** Check if the given array is sorted or not
- Q9.** Find the difference between the sum of elements at even indices to the sum of elements at odd indices.
- Q10.** Given an array of integers, change the value of all odd indexed elements to its second multiple and increment all even indexed values by 10.
- Q11.** Find the unique number in a given Array where all the elements are being repeated twice with one value being unique.
- Q12.** If an array arr contains n elements, then check if the given array is a palindrome or not .
- Q13.** Find the error.

```
double getAverage(int arr[], int size);
public static void main(String[] args) {
    int[] balance = {1000, 2, 3, 17, 50};
    double avg;

    avg = getAverage(balance[0], 5);
    System.out.println("Average value is: " + avg);
}
```

Q14. You are given two integer arrays `nums1` and `nums2`, sorted in non-decreasing order, and two integers `m` and `n`, representing the number of elements in `nums1` and `nums2` respectively.

Merge `nums1` and `nums2` into a single array sorted in non-decreasing order.

Q15. Count the number of triplets whose sum is equal to the given value `x`.

Q16. Find the factorial of a large number.

Hint :- use an array to store every digit of answer.

Q17. Find the first non-repeating element in the array .





**THANK
YOU !**

