

Task 5

Question 1: Write C++ Program that accomplish each of following questions

- 1.Find Sum of All Elements in an **Array** using **Function**.
- 2.Write **Function** that Increment All Elements of an **Array** by One.
- 3.**Function** to Print the Square of **Array** Elements.
- 4.Program to Print All Repeated Elements with Frequency in an **Array** with **Function**.
- 5.Program to Find Largest and Second Largest Elements in **Array** (Tip: assume any size).
- 6.Program to Print all Non Repeated Elements in an **Array** from user-defined **Function**.
- 7.Program to Find Sum of **Array** Elements using **Pointer**.

Question 2: What is the output of the following program fragment
(**Note:** trace the code first then check your answer by running the code into your editor)

```
int main()
{
    int i=3, *j, k;
    j = &i;
    cout << i**j*i+*j << endl;
    return 0;
}
////////////////////////////////////
```

```

int ***r, **q, *p, i=8;
p = &i;
q = &p;
r = &q;
cout << p << **q << **r;
return 0;
////////////////////////////////////
int main()
{
int arr[ ] = {12, 13, 14, 15, 16};
cout << sizeof(arr) << sizeof(*arr) << sizeof(arr[0]));
return 0;
}

```

Question 3: For those who want challenging problems 🚩🚫🔪😂

- 1.Delete an Element from an **Array** from **Function**.
- 2.Program to Remove Duplicate Elements from **Array**.

Try your best 😊, Good luck 🤝