**PROGRAMS :** **Write a program to implement a class called Number. It should contain an integer array and include member functions to initialize the array,perform scalar operations and display the array**

**(solved)**

**//21co24 ETHAN MENEZES**

**#include <iostream>**

**using namespace std;**

**class Number**

**{**

**int arr[10];**

**int n;**

**public:**

**void initArray()**

**{**

**cout<<"Enter the number of elements"<<endl;**

**cin>>n;**

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

**{**

**cin>>arr[i];**

**}**

**}**

**void addScalar(int x)**

**{**

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

**{**

**arr[i]+=x;**

**}**

**}**

**void dispArray()**

**{**

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

**{**

**cout<<arr[i]<<"\t";**

**}**

**}**

**};**

**int main()**

**{**

**Number n1;**

**n1.initArray();**

**n1.addScalar(3);**

**n1.dispArray();**

**return 0;**

**}**

Input:

3 -> 1 2 3

Output:

