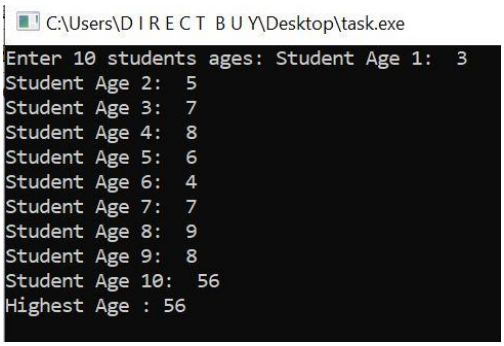
Question #1:

```
#include<iostream>
using namespace std;
int main() {



        int n = 10;
        int count = 1;

        cout <<"Enter 10 students ages: ";
        int students[n];

        for(int i=0 ;i < n; i++) {
                cout<<"Student Age " << count <<":" <<"  ";
                cin>>students[i];
                count++;
        }

        int highage = students[0];

        for(int i = 0 ; i < n; i++) {
                if(students[i] > highage) {
                        highage = students[i];
                }
        }

        cout << "Highest Age : " << highage <<endl;

        return 0;
}
```

Output:

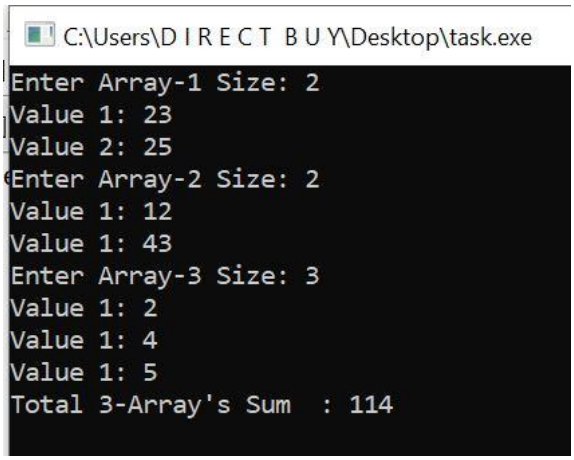


Question #2:

```
#include<iostream>
using namespace std;
int main() {


        int n1, n2, n3;
        int sum1, sum2, sum3;
        int counter1=1;
        int counter2=1;
        int counter3=1;

        cout <<"Enter Array-1 Size: ";
        cin>>n1;

        int arr_1[n1];

        for(int i =0; i<n1; i++) {
                cout <<"Value " <<counter1 << ":" <<" ";
                cin>>arr_1[i];
                sum1 = sum1 + arr_1[i];
                counter1++;
        }


        cout <<"Enter Array-2 Size: ";
        cin>>n2;

        int arr_2[n2];

        for(int i =0; i<n2; i++) {
                cout <<"Value " <<counter2 << ":" <<" ";
                cin>>arr_2[i];
                sum2 = sum2 + arr_2[i];
        }


        cout <<"Enter Array-3 Size: ";
        cin>>n3;

        int arr_3[n3];
```

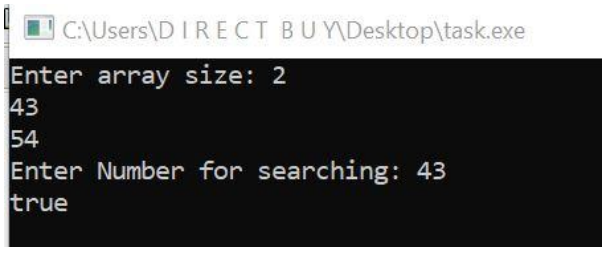
```
        for(int i =0; i<n3; i++) {
                cout <<"Value " <<counter3 << ":" <<" ";
                cin>>arr_3[i];
                sum3 = sum3 + arr_3[i];
        }

        int sumArray = sum1 + sum2 + sum3;

        int fourthArray[1];

        fourthArray[0] = sumArray;

        cout << "Total 3-Array's Sum  : " << fourthArray[0] << endl;


    return 0;
}
```

Output:



Question #3:

```
#include<iostream>
using namespace std;
int main() {


        int user;
        int c =0;
```

```
        int n;
        cout <<"Enter array size: " ;
        cin>>n;

        int array[n];

        for(int i=0 ; i< n; i++) {
                cin>>array[i];
        }


        cout <<"Enter Number for searching: " ;
        cin>>user;

        for(int i=0 ; i<n ; i++) {
                if(array[i] == user ) {
                        c= 1;
                }
        }

        if(c==1) {
                cout <<"true" <<endl;
        }
        else {
                cout <<"false" <<endl;
        }


    return 0;
}
```

Output: