

### 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++;
    }

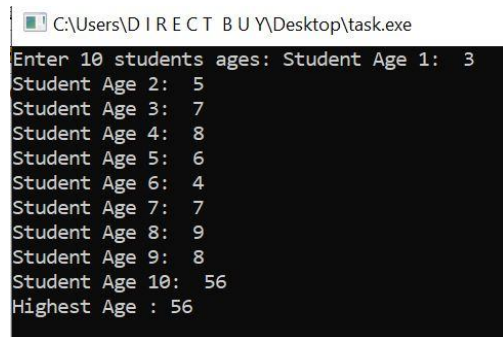
    int highage = students[0];

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

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

    return 0;
}
```

### Output:



```
C:\Users\DIRECTBUY\Desktop\task.exe
Enter 10 students ages: Student Age 1: 3
Student Age 2: 5
Student Age 3: 7
Student Age 4: 8
Student Age 5: 6
Student Age 6: 4
Student Age 7: 7
Student Age 8: 9
Student Age 9: 8
Student Age 10: 56
Highest Age : 56
```

## 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];

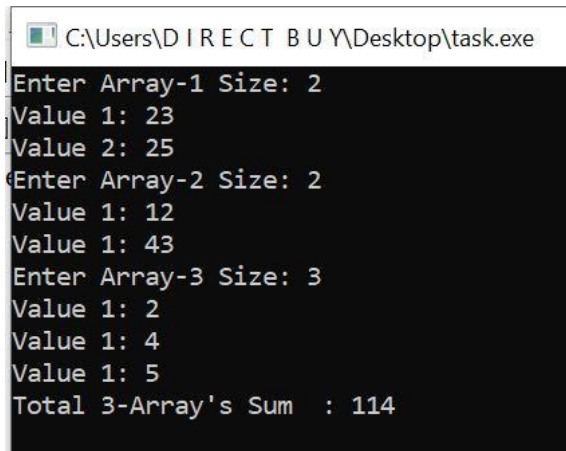
        fourthArray[0] = sumArray;

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

        return 0;
    }

```

### Output:



```

C:\Users\DIRECTBUY\Desktop\task.exe
Enter Array-1 Size: 2
Value 1: 23
Value 2: 25
Enter Array-2 Size: 2
Value 1: 12
Value 1: 43
Enter Array-3 Size: 3
Value 1: 2
Value 1: 4
Value 1: 5
Total 3-Array's Sum : 114

```

### 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;

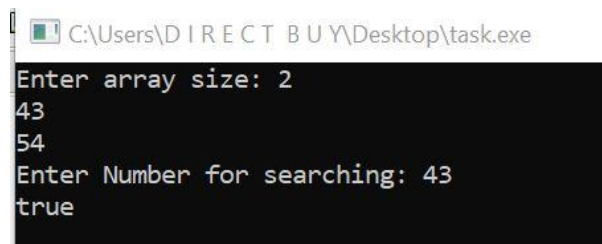
for(int i=0 ; i<n ; i++) {
    if(array[i] == user ) {
        c= 1;
    }
}

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

return 0;
}

```

### Output:



```

C:\Users\DIRECTBUY\Desktop\task.exe
Enter array size: 2
43
54
Enter Number for searching: 43
true

```

