

Q1

CODE

```
//average of n numbers of an array
#include<iostream>
using namespace std;
int main()
{
    int n,i;
    float sum=0;
    cout<<"enter the quantity of the array: ";
    cin>>n;
    int a[n];
    for(i=0 ; i<n ; i++)
    {
        cout<<"enter the number: ";
        cin>>a[i];
    }
    for(i=0 ; i<n ; i++)
    {
        sum=sum+a[i];
    }
    cout<<"the average of the array is "<<sum/n;
    return 0;
}
```

OUTPUT

```
PS D:\C++> cd "d:\C++\" ; if ($?) { g++ averagearray.cpp -o averagearray } ; if ($?) { .\averagearray }
enter the quantity of the array: 5
enter the number: 6
enter the number: 4
enter the number: 43
enter the number: 7
enter the number: 9
the average of the array is 13.8
PS D:\C++> █
```

Q2

CODE

```
//largest element of an array
#include<iostream>
using namespace std;
int main()
{
    int n,i,temp;
    cout<<"enter the quantity of array: ";
    cin>>n;
    int a[n];
    for(i=0; i<n ; i++)
    {
        cout<<"enter the number: ";
        cin>>a[i];
    }
    for(i=0; i<n ; i++)
    {
        if(a[i]>a[i+1]){
            temp=a[i+1];
            a[i+1]=a[i];
            a[i]=temp;
        }
    }
    cout<<"the largest no. is "<<a[n-1];
    return 0;
}
```

OUTPUT

```
PS D:\C++> cd "d:\C++\" ; if ($?) { g++ largofarray.cpp -o largofarray } ; if ($?) { .\largofarray }
enter the quantity of array: 5
enter the number: 7
enter the number: 34
enter the number: 17
enter the number: 43
enter the number: 9
the largest no. is 43
PS D:\C++> 
```