

```
1 #include<iostream>
2 using namespace std;
3 int main(){
4     int arr[5];
5     int sum=0;
6     float avg;
7     for(int i=0;i<=4;i++){
8         cout<<"Enter the Array of Integers: "<<endl;
9         cin >> arr[i];
10    }
11    for(int j=0;j<=4;j++){
12        sum+=arr[j] ;
13    }
14    avg=sum/5;
15    cout<<"The Average of arrays is: "<<avg;
16 }
```

/tmp/KeHQL9ke5T.o  
Enter the Array of Integers:  
4  
Enter the Array of Integers:  
5  
Enter the Array of Integers:  
2  
Enter the Array of Integers:  
5  
Enter the Array of Integers:  
3  
The Average of arrays is: 3

```
1 #include<iostream>
2 using namespace std;
3 int main()
4 {
5     int i, array[5], j, temp;
6     for(i=1; i<=5;i++) {
7         cout<<"Enter "<<i<<" Number: ";
8         cin>>array[i-1];}
9     for(i=0; i<4; i++)
10    {
11        for(j=0; j<4-i; j++)
12        {
13            if(array[j]>array[j+1])
14            {
15                temp = array[j];
16                array[j] = array[j+1];
17                array[j+1] = temp;
18            }
19        }
20    }
21    cout<<"\nThe New Array is: \n";
22    for(int a=0; a<5; a++)
23        cout<<array[a]<<" ";
24    return 0;
25 }
```

/tmp/KeHQL9ke5T.o  
Enter 1 Number: 45  
Enter 2 Number: 87  
Enter 3 Number: 09  
Enter 4 Number: 8  
Enter 5 Number: 65  
The New Array is:  
8 9 45 65 87

```
1 #include<iostream>
2 using namespace std;
3 int main() {
4     int tot=5, arr[5], i, j, temp, small, chk, index;
5     cout<<"Enter "<<tot<<" Array Elements: ";
6     for(i=0; i<tot; i++)
7         cin>>arr[i];
8     for(i=0; i<(tot-1); i++) {
9         chk=0;
10        small = arr[i];
11        for(j=(i+1); j<tot; j++) {
12            if(small>arr[j]) {
13                small = arr[j];
14            }
15        }
16        if(small<arr[i]) {
17            temp = arr[i];
18            arr[i] = small;
19            arr[j] = temp;
20        }
21    }
22    cout<<"\nSorted Array is: \n";
23    for(i=0; i<tot; i++)
24        cout<<arr[i]<<" ";
25    return 0;
26 }
```

/tmp/KeHQL9ke5T.o  
Enter 5 Array Elements: 2 4 5 6 3  
Sorted Array is:  
2 3 4 5 6

```
main.cpp Run Output
1 #include<iostream>
2 using namespace std;
3 int main() {
4     int tot=5, arr[5], i, j, temp, small, chk, index;
5     cout<<"Enter "<<tot<<" Array Elements: ";
6     for(i=0; i<tot; i++)
7         cin>>arr[i];
8     for(i=0; i<(tot-1); i++) {
9         chk=0;
10        small = arr[i];
11        for(j=(i+1); j<tot; j++) {
12            if(small>arr[j]) {
13                small = arr[j];
14                chk++;
15                index = j; } }
16        if(chk!=0) {
17            temp = arr[i];
18            arr[i] = small;
19            arr[index] = temp;
20        } }
21    cout<<"\nSorted Array is:\n";
22    for(i=0; i<tot; i++)
23        cout<<arr[i]<<" ";
24    cout<<endl;
25    return 0;
26 }
```

/tmp/KeHQL9ke5T.o  
Enter 5 Array Elements: 2 4 5 6 3  
Sorted Array is:  
2 3 4 5 6