

Bubble Sort Code

```
#include <iostream>

#include<stdlib.h>

using namespace std;

int main()

{

int n,i,pass,j,a[10],temp;

cout<<"Enter total numbers\n";

cin>>n;

cout<<"Enter the numbers....\n ";

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

{

cout<<"Enter the number at position"<<i+1<<"::";

cin>>a[i]

}

for(pass=0;pass<n-1;pass++)

{

for(j=0;j<n-pass-1;j++)

{

if(a[j]>a[j+1])

{

temp=a[j];

a[j]=a[j+1];

a[j+1]=temp;

}

}

}
```

```
}
```

```
Cout<<"The sorted numbers....\n";
```

```
For(i=0;i<n;i++)
```

```
Cout << a[i] << " ";
```

```
}
```

Output::

Enter total numbers

5

Enter the numbers....

Enter the number at position1::3

Enter the number at position2::5

Enter the number at position3::2

Enter the number at position4::7

Enter the number at position5::8

The sorted numbers....

2 3 5 7 8