# (Bubble Sort)
## Practical No. 3

Aim: Write a c++ program to intialize an array of 10 integers and sort the array in ascending or descending order using the Bubble sort method. Display the original and sorted list

Code:
```cpp
#include <iostream.h>
#include <conio.h>
void main ()
{
clrscr();
int i, j, t, Sort[10];
cout << "enter the array element";
for (i=0; i<10; i++)
{
cin >> Sort[i];
}
for (i=0; i<10; i++)
{
for (j=10; j>0; j--)
{
if (Sort[j-1] > Sort[j])
{
t = Sort[j-1];
Sort[j-1] = Sort[j];
Sort[j] = t;
}
}
}
```

```
cout << "Sorted array is - " << endl;
for (i=0; i <10 ; i++)
{
cout << Sort[i] << endl;
}
getch();
}
```