Bubble sort

```c
#include <stdio.h>

int main()
{
int array[100], n, i, j, swap;
printf("Enter number of elementsn");
scanf("%d", &n);
printf("Enter %d Numbers:n", n);
for(i = 0; i < n; i++)
scanf("%d", &array[i]);
for(i = 0 ; i < n - 1; i++)
{
for(j = 0 ; j < n-i-1; j++)
{
if(array[j] > array[j+1])
{
swap=array[j];
array[j]=array[j+1];
array[j+1]=swap;
}
}
}
printf("Sorted Array:n");
for(i = 0; i < n; i++)
printf("%dn", array[i]);
return 0;
}
```