

```

#include<iostream> using
namespace std; void
bubbleSort(int data[], int n){
int temp; for (int i = 0; i < n-1;
i++)
{
for (int j = i+1; j < n; j++)
{
if (data[i]>data[j])
{
temp = data[i];
data[i]=data[j];
data[j]=temp;
}
}
}
}

int main(){
int length;

cout<<" Nama      : SITI SAVIRA "<<endl;  cout<<" Kelas      : SISTEM
INFORMASI"<<endl;  cout<<" Mata Kuliah   : Algoritma & Pemoggraamaan 2
"<<endl<<endl;      cout<<"ALGORITMA PENGURUTAN BUBLE SORT"<<endl;
cout<<"Masukkan banyak elemen : ";
cin>>length;
cout<<"Masukan Nilai"<<endl;

int data[length];  for (int
i = 0; i < length; i++)
{

```

```
        cout<<"Nilai : "<<" = ";
cin>>data[i];
    }cout<<endl;

    cout<<"Data belum terurut : "<<endl;
    for (int i = 0; i < length;
i++)
    {
        cout<<data[i]<<" ";
    }cout<<endl;

    bubbleSort(data,length);
    cout<<"Data sudah terurut : "<<endl;
    for (int i = 0; i < length;
i++)
    {
        cout<<data[i]<<" ";
    }cout<<endl;

}
```

C:\Users\acer\Documents\semester 3\UAS\UAS.cpp - [Executing] - Dev-C++ 5.11

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TDM-GCC 4.9.2 64-bit Release

C:\Users\acer\Documents\semester 3\UAS\UAS.exe

```
Nama      : SITI SAVIRA
Kelas    : SISTEM INFORMASI
Mata Kuliah : Algoritma & Pemogrammaan 2

ALGORITMA PENGURUTAN BUBBLE SORT
Masukkan banyak elemen : 5
Masukan Nilai
Nilai : = 20
Nilai : = 10
Nilai : = 40
Nilai : = 50
Nilai : = 30

Data belum terurut :
20 10 40 50 30
Data sudah terurut :
10 20 30 40 50

-----
Process exited after 42.16 seconds with return value 0
Press any key to continue . . .
```

32 }cout<<endl;
33
34 cout<<"Data belum terurut : "<<endl;

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About Compilation

Line: 20 Col: 41 Sel: 0 Lines: 61 Length: 1161 Insert Done parsing in 0 seconds

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