File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

(globals)

UAS_Prak.Algoritma_Pemrograman2_a.cpp   UAS_Prak.Algoritma_Pemrograman2_b.cpp

```cpp
#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          : YAYAH LUTFIYAWATI "<<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);
```

Compiler   Resources   Compile Log   Debug   Find Results

Line: 25   Col: 17   Sel: 0   Lines: 47   Length: 1139   Insert   Done parsing in 0.141 seconds

```cpp
            if (data[i]>data[j])
            {
                temp = data[i];
                data[i]=data[j];
                data[j]=temp;
            }
        }
    }
}
int main(){
    int length;
    cout<<"  Nama         : YAYAH LUTFIYAWATI "<<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;

}
```

```
Nama          : YAYAH LUTFIYAWATI
Kelas         : SISTEM INFORMASI
Mata Kuliah   : Algoritma & Pemoggraamaan 2

ALGORITMA PENGURUTAN BUBLE 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 24.42 seconds with return value 0
Press any key to continue . . .
```

File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

(globals)

Project   Classes   Debug

UAS_Prak.Algoritma_Pemrograman2_a.cpp   UAS_Prak.Algoritma_Pemrograman2_ b.cpp

```cpp
#include<iostream>
#include<conio.h>
#include<iomanip>
using namespace std;
main()
{
cout<<endl;
cout<<"  Nama         : YAYAH LUTFIYAWATI"<<endl;
cout<<"  Kelas        : SISTEM INFORMASI"<<endl;
cout<<"  Mata Kuliah  : Algoritma & Pemoggraamaan 2 "<<endl<<endl;

int a[3][3],b[3][3],c[3][3],i,j,k;

cout<<"  Matriks 3 x 3 :";
cout<<endl;;
for(i=0;i<3;i++){
for(j=0;j<3;j++){

cout<<"  Input Baris "<<(i+1)<<" , Kolom "<<(j+1)<<" = ";

cin>>a[i][j];}
cout<<endl;}

cout<<"  Matriks 3 x 3 = "<<endl<<endl;

for(i=0;i<3;i++){
for(j=0;j<3;j++){
cout<<setw(4)<<a[i][j];}
cout<<endl<<endl;}
getch ();
}
```

Compiler   Resources   Compile Log   Debug   Find Results

Line: 1   Col: 1   Sel: 0   Lines: 31   Length: 632   Insert   Done parsing in 0.141 seconds

09:48 PM

```
Nama          : YAYAH LUTFIYAWATI
Kelas         : SISTEM INFORMASI
Mata Kuliah   : Algoritma & Pemoggraamaan 2

Matriks 3 x 3 :
Input Baris 1 , Kolom 1 = 3
Input Baris 1 , Kolom 2 = 4
Input Baris 1 , Kolom 3 = 5

Input Baris 2 , Kolom 1 = 2
Input Baris 2 , Kolom 2 = 3
Input Baris 2 , Kolom 3 = 4

Input Baris 3 , Kolom 1 = 5
Input Baris 3 , Kolom 2 = 6
Input Baris 3 , Kolom 3 = 7

 Matriks 3 x 3 =

  3    4    5

  2    3    4

  5    6    7


------------------------------------
Process exited after 33.65 seconds with return value 0
Press any key to continue . . .
```