**#include <iostream.h>**

**#include <stdio.h>**

**#include <conio.h>**

**main (){**

**int a,s, d, f, g ;**

**int temp[100], data[‘g’];**

**cout<<“\n-----------------------------------\n”<<endl;**

**cout<<“\n—-BELAJAR MENYORTING—\n”;**

**cout<<“\n------------------------------------\n”<<endl;**

**cout<<“Input Banyak Data: “;**

**cin>>g;**

**for(a=0; a<g; a++){**

**cout<<“Data Ke - “<<a<<” : “;**

**cin>>data[a];**

**}**

**cout<<“\n\n”;**

**cout<<“Data sebelum urut”<<endl;**

**for(int a=0; a<g; a++){**

**cout<<a+1<<“.”;**

**cout<<data[a]<<” “;**

**cout<<endl;**

**}**

**for (a=0; a<g; a++){**

**for (s=0; s<=a; s++)**

**{**

**if(data[a]<data[s])**

**{**

**f=data[a];**

**data[a]=data[s];**

**data[s]=f;**

**}**

**}**

**cout<<“\g#”<<a<<“: “;**

**for(d=0; d<=a; d++)**

**{**

**cout<<” “<<data[d];**

**}**

**}**

**cout<<“\n\n”;**

**cout<<“\nData Setelah Urut (Ascending):”<<endl;**

**for(a=0; a<g; a++){**

**cout<<a+1<<” “;**

**cout<<data[a]<<” “<<endl;}**

**for (a=0; a<g; a++){**

**for (s=0; s<=a; s++)**

**{**

**if(data[a]>data[s])**

**{**

**f=data[a];**

**data[a]=data[s];**

**data[s]=f;**

**}**

**}**

**cout<<“\g#”<<a<<“: “;**

**for(d=0; d<=a; d++)**

**{**

**cout<<” “<<data[d];**

**}**

**}**

**cout<<“\n\n”;**

**cout<<“\nData Setelah Urut (Descending):”<<endl;**

**for(a=0; a<g; a++){**

**cout<<a+1<<“.”;**

**cout<<data[a]<<” “<<endl;**

**}**

**getch();**

**}**