#include <iostream>

using namespace std;

int main(int argc, char \*\*argv)

{

int data[100]={1,68,2,51,3,69,4,62,5,70,63,6,52,7,8,64,9,10,65,98,11,71,12,66,13,100,14,15,67,53,16,99,17,83,18,19,56,20,21,55,82,22,81,23,54,24,97,25,26,60,27,61,80,28,96,29,59,30,79,58,31,57,32,78,33,76,34,77,35,36,75,85,37,84,38,74,39,40,41,86,42,43,72,44,87,90,45,89,73,46,94,47,95,48,92,93,49,91,50};

int i;

int j;

int ta;

int garis;

cout<<" O\_O Data Sebelum Diurut "<<endl;

//membuat garis

for(garis=1;garis<=39;garis++)

{

cout<<"-- ";

}

cout<<endl<<endl;

//menampilkan data sebelum diurut

for(i=1;i<100;i++)

{

cout<<data[i-1]<<"\t";

}

cout<<endl<<endl<<endl;

//proses pengurutan data

for(i=1;i<100;i++)

{

for(j=0;j<=97;j++)

{

if(data[j] > data[j+1])

{

ta = data[j];

data[j] = data[j+1];

data[j+1] = ta;

}

}

}

cout<<" O\_O Data Setelah Diurut "<<endl;

//membuat garis

for(garis=1;garis<=39;garis++)

{

cout<<"-- ";

}

cout<<endl<<endl;

int d;

for(d=1;d<100;d++)

{

cout<<data[d-1]<<"\t";

}

cout<<endl<<endl;

return 0;

}