#include <iostream>

#include <cstdlib>

using namespace std;

#define MAX 10

int Data[MAX];

// Fungsi pertukaran bilangan

void Tukar(int\* a, int\* b)

{

int temp;

temp = \*a;

\*a = \*b;

\*b = temp;

}

// Fungsi pengurutan seleksi

void SelectionSort()

{

int i, j, k;

for (i = 0; i < MAX - 1; i++) {

k = i;

for (j = i + 1; j < MAX; j++)

if (Data[k] > Data[j])

k = j;

Tukar(&Data[i], &Data[k]);

}

}

int main()

{

int i;

srand(0);

// Membangkitkan bilangan acak

cout << "DATA SEBELUM TERURUT" << endl;

for (i = 0; i < MAX; i++)

{

Data[i] = (int)rand() / 1000 + 1;

cout << "Data ke " << i << " : " << Data[i] << endl;

}

SelectionSort();

// Data setelah terurut

cout << "\nDATA SETELAH TERURUT" << endl;

for (i = 0; i < MAX; i++)

{

cout << "Data ke " << i << " : " << Data[i] << endl;

}

return 0;

}