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**Kode Program :**

#include <iostream>

using namespace std;

int JmlMhs;

int nilaiTertinggi, nilaiTerendah, jmlLulus, jmlGagal;

float nilaiRataRata, jumlahNilai;

void Dinyatakan(int Nilai){

if(Nilai >= 60){

cout << "Lulus" << endl;

jmlLulus += 1;

}else {

cout << "Gagal" << endl;

jmlGagal += 1;

}

}

int main(){

cout << "=====PROGRAM SEDERHANA MEMPROSES NILAI MAHASISWA MENGGUNAKAN ARRAY=====" << endl;

cout << "Inputkan Jumlah Mahasiswa : ";

cin >> JmlMhs;

int NilaiMhs[JmlMhs];

for (int i = 0; i < JmlMhs; i++){

cout << "Inputkan Nilai Mahasiswa index ke-" << i << " : ";

cin >> NilaiMhs[i];

}

cout << endl;

for (int i = 0; i < JmlMhs; i++){

cout << "Mahasiswa index ke-" << i << " -- " << NilaiMhs[i] << " -- " ; Dinyatakan(NilaiMhs[i]);

}

cout << endl;

nilaiTertinggi = NilaiMhs[0];

nilaiTerendah = NilaiMhs[0];

for (int i = 0; i < JmlMhs; i++){

if (NilaiMhs[i] > nilaiTertinggi){

nilaiTertinggi = NilaiMhs[i];

}

if (NilaiMhs[i] < nilaiTerendah){

nilaiTerendah = NilaiMhs[i];

}

jumlahNilai += NilaiMhs[i];

}

nilaiRataRata = jumlahNilai/JmlMhs;

cout << endl;

cout << "Nilai Tertinggi = " << nilaiTertinggi << endl;

cout << "Nilai Terendah = " << nilaiTerendah << endl;

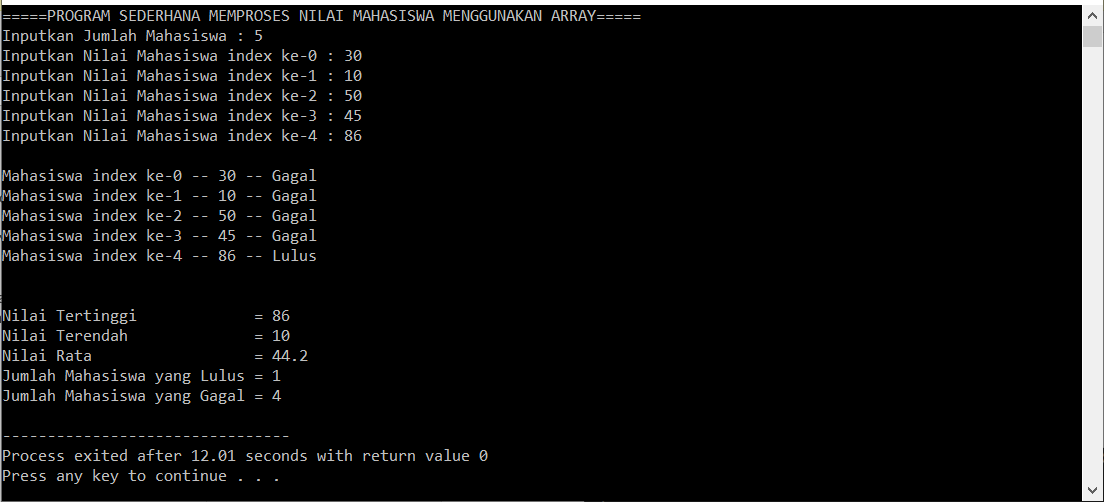
cout << "Nilai Rata = " << nilaiRataRata << endl;

cout << "Jumlah Mahasiswa yang Lulus = " << jmlLulus << endl;

cout << "Jumlah Mahasiswa yang Gagal = " << jmlGagal << endl;

}

**Screenshot hasil program :**

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