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13020210070

Asistensi 2

#include <iostream>

using namespace std;

class Kalkulator {

protected :

int nilai1;

int nilai2;

float hasil;

public :

void in()

{

cout << "Masukkan Nilai 1 = "; cin >> nilai1;

cout << "Masukkan Nilai 2 = "; cin >> nilai2;

}

void out()

{

hasil = nilai1 \* nilai2;

cout << "Hasil Perkalian = " << hasil;

}

};

class Tes : public Kalkulator {

private :

public :

void in()

{

cout << "Masukkan Nilai 1 = "; cin >> nilai1;

cout << "Masukkan Nilai 2 = "; cin >> nilai2;

}

void out ()

{

hasil = nilai1 + nilai2;

cout << "Hasil Pertambahan = " << hasil;

}

};

class Tes2 : public Kalkulator {

private :

public :

void in()

{

cout << "Masukkan Nilai 1 = "; cin >> nilai1;

cout << "Masukkan Nilai 2 = "; cin >> nilai2;

}

void out ()

{

hasil = nilai1 - nilai2;

cout << "Hasil Perkurangan = " << hasil;

}

};

class Tes3 : public Kalkulator {

private :

public :

void in()

{

cout << "Masukkan Nilai 1 = "; cin >> nilai1;

cout << "Masukkan Nilai 2 = "; cin >> nilai2;

}

void out ()

{

hasil = nilai1 / nilai2;

cout << "Hasil Perbagian = " << hasil;

}

};

int main () {

int pil;

Kalkulator k;

Tes t;

Tes2 t1;

Tes3 t2;

cout << "================Kalkulator===========" << endl;

cout << "1. Penjumlahan " << endl;

cout << "2. Pengurangan " << endl;

cout << "3. Perkalian " << endl;

cout << "4. Pembagian " << endl;

cout << "Masukkan Pilihan Anda : "; cin >> pil;

system("cls");

if (pil==1) {

t.in();

t.out();

}

if (pil==2) {

t1.in();

t1.out();

}

if (pil==3) {

k.in();

k.out();

}

if (pil==4) {

t2.in();

t2.out();

}

return 0;

}



