Nama : Yohanes Dimas Pratama

NIM : A11.2021.13254

Kelompok : 4207

Tugas Algoritma dan Pemrograman Pertemuan 4

Coding:

#include <iostream>

using namespace std;

void print\_identitas();

void print\_jumlah(int a, int b);

float hitung(int num1, int num2, char operan);

void print\_nama(char nama[]);

int len\_text(char text[]);

int max(int arr\_num[], int n);

int main()

{

print\_identitas();

print\_jumlah(3, 12);

print\_jumlah(13, 19);

float hasil;

printf("%d %c %d = %2.2f\n", 12, '+', 15, hasil);

hasil = hitung(12,15,'-');

printf("%d %c %d = %2.2f\n", 12, '-', 15, hasil);

hasil = hitung(12,15,'x');

printf("%d %c %d = %2.2f\n", 12, 'x', 15, hasil);

hasil = hitung(12,15,'/');

printf("%d %c %d = %2.2f\n", 12, '/', 15, hasil);

print\_nama("Yohanes Dimas Pratama");

printf("panjang teks \"%s\" adalah %d karakter\n", "Yohanes Dimas Pratama", len\_text("Yohanes Dimas Pratama"));

int arr\_num[] = {23, 51, 22, 31, 61, 11, 32, 42};

printf("Nilai tertinggi dari arr\_num adalah %d", max(arr\_num, 8));

return 0;

}

void print\_identitas() {

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

cout << "NIM : A11.2021.13254" << endl;

cout << "Nama Lengkap : Yohanes Dimas Pratama" << endl;

cout << "Alamat : Jalan Kokosan II nomor 126" << endl;

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

}

void print\_jumlah(int a, int b) {

int jumlah;

jumlah = a+b;

cout << a << " + " << b << " = " << jumlah << endl;

}

float hitung(int num1, int num2, char operan) {

if (operan == '+') {

return num1+num2;

} else if (operan == '-') {

return num1-num2;

} else if (operan == 'x') {

return num1\*num2;

} else if (operan == '/'){

return num1/num2;

} else {

return 0;

}

}

void print\_nama(char nama[]) {

cout << "Perkenalkan nama lengkap saya adalah : " << nama << endl;

}

int len\_text(char text[]) {

int jumlah=0;

for (int i=0; text[i] != '\0'; i++) {

jumlah++;

}

return jumlah;

}

int max(int arr\_num[], int n) {

int maxNum = 0;

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

if(arr\_num[i] > maxNum) {

maxNum = arr\_num[i];

}

}

return maxNum;

}

Hasil Coding:

Text

Description automatically generated