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* Notasi Algoritma

Input 🡪 fakultas

Depend on (toupper(fakultas))

Case ‘A’ : Fakultas Ilmu Komputer

If(a11)

{

Output “Teknik Informatika”

}

If(a12)

{

Ouput “Sistem Informasi”

}

If(a14)

{

Output “DKV”

}

elif(a15)

{

Output “Ilmu Komunikasi”

}

elif(a16)

{

Output “Film dan televisi ”

}

elif(a17)

{

Output “Animasi”

}

elif(a21)

{

Output “D3 Manajemen Informatika”

}

elif(a22)

{

Output “D3 Teknik Informatika”

}

elif(a24)

{

Output “D3 Broadcasting”

}

Break;

Case ‘B’ : Fakultas Ekonomi dan Bisnis

if(b11)

{

Output “Manajemen”

}

elif(b12)

{

Output “Akuntansi”

}

elif(b13)

{

Output “Ekonomi Syariah”

}

Break;

Case ‘C’ : Fakultas Ilmu dan Budaya

if(c11)

{

Output “Sastra Inggris”

}

elif(c12)

{

Output “Sastra Jepang”

}

elif(c13)

{

Output “Manajemen Perhotelan”

}

Break;

Case ‘D’ : Fakultas Kesehatan

if(e11)

{

Output “Teknik Elektro”

}

elif(e12)

{

Output “Teknik Industri”

}

elif(e13)

{

Output “Teknik Biomedis”

}

Break;

Default;

* Kode

//Judul : implementasi depend on dengan case

//Memo : 28 sept 2022 d2g Bima Afkanur Rifqi

#include<iostream>

#include<string.h>

using namespace std;

//Kamus :

char faku;

char kopro[5];

//Diskripsi

main()

{

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

cout << " Memilih fakultas dan prodi" << endl;

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

cout << " Pilih Fakultas dengan huruf kapital" << endl;

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

cout << "Fakultas Ilmu Komputer = A " << endl;

cout << "Fakultas Ekonomi dan Bisnis = B " << endl;

cout << "Fakultas Ilmu dan Budaya = C " << endl;

cout << "Masukan pilihan anda : "; cin >> faku;

switch(toupper(faku))

{

case 'A':

{

cout << "Anda berada di fakultas ilmu komputer" << endl;

cout << "Kode Prodi : "; cin >> kopro;

if(strcmp(kopro,"a11")==0 || strcmp(kopro,"A11")==0)

{

cout << "Prodi Teknik Informatika - S1";

}

else if((strcmp(kopro,"a12")==0 || strcmp(kopro,"A12")==0))

{

cout << "Prodi Sistem Informasi - S1";

}

else if((strcmp(kopro,"a14")==0 || strcmp(kopro,"A14")==0))

{

cout << "Prodi Desain Komunikasi Visual - S1";

}

else if((strcmp(kopro,"a15")==0 || strcmp(kopro,"A15")==0))

{

cout << "Prodi Ilmu Komunikasi - S1";

}

else if((strcmp(kopro,"a16")==0 || strcmp(kopro,"A16")==0))

{

cout << "Prodi Film dan Televisi - D4";

}

else if((strcmp(kopro,"a17")==0 || strcmp(kopro,"A17")==0))

{

cout << "Prodi Animasi - D4";

}

else if((strcmp(kopro,"a21")==0 || strcmp(kopro,"A21")==0))

{

cout << "Prodi Manajemen Informatika - D3";

}

else if((strcmp(kopro,"a22")==0 || strcmp(kopro,"A22")==0))

{

cout << "Prodi Teknik Informatika - D3";

}

else if((strcmp(kopro,"a24")==0 || strcmp(kopro,"A24")==0))

{

cout << "Prodi Broadcasting - D3";

}

break;

}

case 'B':

{

cout << "Anda berada di fakultas ekonomi dan bisnis";

cout << "Kode Prodi : "; cin >> kopro;

if(strcmp(kopro,"b11")==0 || strcmp(kopro,"B11")==0)

{

cout << "Prodi Manajemen - S1";

}

else if(strcmp(kopro,"b12")==0 || strcmp(kopro,"B12")==0)

{

cout << "Prodi Akuntansi - S1";

}

else if(strcmp(kopro,"b13")==0 || strcmp(kopro,"B13")==0)

{

cout << "Prodi Ekonomi Syariah - S1";

}

break;

}

case 'C':

{

cout << "Kode Prodi : "; cin >> kopro;

cout << "Anda berada di fakultas ilmu dan budaya";

if(strcmp(kopro,"c11")==0 || strcmp(kopro,"C11")==0)

{

cout << "Prodi Sastra Inggris - S1";

}

else if(strcmp(kopro,"c12")==0 || strcmp(kopro,"C12")==0)

{

cout << "Prodi Sastra Jepang - S1";

}

else if(strcmp(kopro,"c13")==0 || strcmp(kopro,"C13")==0)

{

cout << "Prodi Manajemen Perhotelan - D4";

}

break;

}

case 'D':

{

cout << "Kode Prodi : "; cin >> kopro;

cout << "Anda berada di fakultas kesehatan";

if(strcmp(kopro,"d11")==0 || strcmp(kopro,"D11")==0)

{

cout << "Prodi Kesehatan Masyarakat - S1";

}

else if(strcmp(kopro,"d12")==0 || strcmp(kopro,"D12")==0)

{

cout << "Prodi Kesehatan Lingkungan - S1";

}

else if(strcmp(kopro,"d22")==0 || strcmp(kopro,"D22")==0)

{

cout << "Prodi Rekam medis & info kesehatan - D3";

}

break;

}

case 'E':

{

cout << "Kode Prodi : "; cin >> kopro;

cout << "Anda berada di fakultas teknik";

if(strcmp(kopro,"e11")==0 || strcmp(kopro,"E11")==0)

{

cout << "Prodi Teknik Elektro - S1";

}

else if(strcmp(kopro,"e12")==0 || strcmp(kopro,"E12")==0)

{

cout << "Prodi Teknik Industri - S1";

}

else if(strcmp(kopro,"e13")==0 || strcmp(kopro,"E13")==0)

{

cout << "Prodi Teknik Biomedis - S1";

}

break;

}

default:

{

cout << "Data tidak valid";

}

}

}

* Screenshot

