#include <iostream>

using namespace std;

#include <conio.h>

//pendeklarasian tipe enum berupa 'bulan'

enum bulan{Januari, Februari, Maret, April, Mei, Juni,

Juli, Agustus, September, Oktober, November, Desember};

int main()

{

bulan b1,b2;

int selisih\_bulan;

//pemberian nilai pada variabel enum

b1 = Desember;

b2 = Februari;

cout<<"Tipe ENUM C++"<<endl;

cout<<"-------------"<<endl;

cout<<"nilai b1 = Desember"<<endl; // 11

cout<<"nilai b2 = Februari"<<endl; // 1

cout<<"\nSelisih kedua bulan di atas adalah "<<b1-b2<<endl;

getche();

}

#include <iostream>

using namespace std;

#include <conio.h>

//deklarasi bit field

struct bit\_data

{

unsigned b0 : 1;

unsigned b1 : 1;

unsigned b2 : 1;

unsigned b3 : 1;

unsigned b4 : 1;

unsigned b5 : 1;

unsigned b6 : 1;

unsigned b7 : 1;

};

int main()

{

//deklarasi union

union ubyte

{

unsigned char byte;

bit\_data bit;

};

ubyte ascii;

int nilai;

cout<<"Contoh Penggunaan Bit-field"<<endl;

cout<<"---------------------------"<<endl;

cout<<"Masukkan ascii antara 0 s/d 255 : ";

cin>>nilai;

ascii.byte = nilai;

cout<<"\n7 6 5 4 3 2 1 0 << Posisi bit"<<endl;

cout<<ascii.bit.b7<<" "<<ascii.bit.b6<<" "

<<ascii.bit.b5<<" "<<ascii.bit.b4<<" "

<<ascii.bit.b3<<" "<<ascii.bit.b2<<" "

<<ascii.bit.b1<<" "<<ascii.bit.b0<<" "<<endl;

\_getche();

}