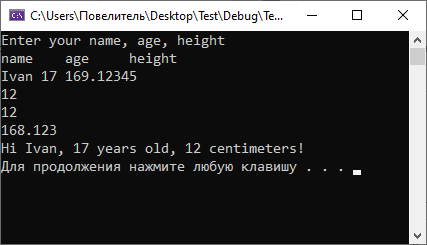
1ПИб-02-1оп-22 Микуцких Григорий

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| 13 | Описание и работа со *структурами и объединениями* языка С++. | Микуцких Г. |



#include <iostream>

#define \_USE\_MATH\_DEFINES

#include <math.h>

using namespace std;

/\*

multi-line comment

\*/

struct Person {//creating a structure

union Height {//creating a union

int int\_height;

size\_t size\_t\_height;

double double\_height;

} height = { -1 };

string name = "noname";

int age = -1;

};

//

int main() {

Person man;

cout << "Enter your name, age, height\nname\tage\theight" << endl;

cin >> man.name >> man.age >> man.height.double\_height;

if (man.age >= 18)

man.age &= man.age xor man.height.int\_height;

else if (man.height.double\_height > 150)

man.height.int\_height = sqrt(--man.height.double\_height);

else

(man.age > 100)/\*comment inside the formula\*/? man.age %= 2 : man.age |= man.age;

cout << "Hi " + man.name + ", " << man.age << " years old, " << man.height.int\_height << " centimeters!" << endl;

system("pause");

return 0;

}