**Задача 1:**

#include <iostream>

using namespace std;

int main()

{

int a, b, c;

float r;

cout << "Izberete operaciq (1 za \* , 2 za / , 3 za + , 4 za -)";

cin >> c;

switch (c)

{

case 1:

cout << "operaciq +" << endl;

cout << "a = ";

cin >> a;

cout << "b = ";

cin >> b;

r = a \* b;

cout << "a \* b = " << r << endl;

break;

case 2:

cout << "operaciq -" << endl;

cout << "a = ";

cin >> a;

cout << "b = ";

cin >> b;

r = (float) a / b;

cout << "a / b = " << r << endl;

break;

case 3:

cout << "operaciq \*" << endl;

cout << "a = ";

cin >> a;

cout << "b = ";

cin >> b;

r = a + b;

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

break;

case 4:

cout << "operaciq -" << endl;

cout << "a = ";

cin >> a;

cout << "b = ";

cin >> b;

r = a - b;

cout << "a - b = " << r << endl;

break;

}

system("pause");

}

**Задача 2:**

#include <iostream>

#include <iomanip>

using namespace std;

int main() {

int n = 1;

double a = 0;

int b = 0;

cout << "Za da izvedete rezultata izberete 0" << endl;

while (n != 0)

{

cout << "Vuvedete chislo: ";

cin >> n;

if (n == 0)

{

goto e;

}

if (n >= 2 && n <= 6)

{

a += n;

b++;

}

else

{

cout << "Nevalidno chislo!" << endl;

}

}

e:

cout << "Srednoaritmetichnoto na chislata e: " << a / b << endl;

system("pause");

}

**Задача 3:**

#include <iostream>

using namespace std;

int main()

{

char ch;

cout << "Vyvedete nqkakav teks (vyvedete . za krai na programata)" << endl;

do

{

ch = getchar();

if (islower(ch))

ch = toupper(ch);

else

ch = tolower(ch);

putchar(ch);

} while (ch != '.');

system("pause");

}