TASK 1 OF LABA 12

int PowerA3(int A, int& B) {

B = A \* A \* A;

return B;

}

int main ()

{

int x, y;

setlocale(LC\_ALL, "Rus");

for (int s = 0; s < 5; s++) {

cin >> x;

cout << "y =" << PowerA3(x, y) << endl;

}

}  
TASK 2 OF LABA 12

#include <math.h>

#include <iostream>

#include <stdio.h>

#include <stdlib.h>

#include <sstream>

#include <iomanip>

using namespace std;

int Sign(int& x)

{

if (x < 0) {

x = -1;

}

else if (x = 0) {

x = 0;

}

else { x = 1; }

return x;

}

int main()

{

setlocale(LC\_ALL, "Rus");

int a\_1, a, b;

cin >> a\_1;

cout << Sign(a\_1) << endl;

cin >> a >> b;

cout << Sign(a) + Sign(b);

}  
TASK 3 OF LABA 12

#include <math.h>

#include <iostream>

#include <stdio.h>

#include <stdlib.h>

#include <sstream>

#include <iomanip>

using namespace std;

double RingS(double R1, double R2, double& r3)

{

r3 = R1 - R2;

return r3;

}

int main()

{

setlocale(LC\_ALL, "Rus");

double a, b, c;

for (int s = 0; s < 3; s++) {

cin >> a >> b;

cout << RingS(a, b, c) << endl;

}

}  
TASK 4 OF LABA 12  
#include <math.h>

#include <iostream>

#include <stdio.h>

#include <stdlib.h>

#include <sstream>

#include <iomanip>

using namespace std;

int Quarter(int x, int y, int& chetvirt)

{

if (x > 0 && y > 0)

{

chetvirt = 1;

return chetvirt;

}

else if (x > 0 && y < 0)

{

chetvirt = 2;

return chetvirt;

}

else if (x < 0 && y < 0)

{

chetvirt = 3;

return chetvirt;

}

else if (x < 0 && y > 0)

{

chetvirt = 4;

return chetvirt;

}

}

int main()

{

int a, b, c;

for (int s = 0; s < 3; s++) {

cin >> a >> b;

cout << Quarter(a, b, c) << endl;

}

}  
  
TASK 5 OF LABA 12  
  
#include <math.h>

#include <iostream>

#include <stdio.h>

#include <stdlib.h>

#include <sstream>

#include <iomanip>

using namespace std;

int Fact3(int N) {

}

int Fact2(int N) {

if (N < 0) {

return 0;

}

else if (N == 0)

{

return 1;

}

else if (N % 2 == 0)

{

return N = N \* Fact2(N - 2);

}

else if (N % 2 != 0)

{

return N = N \* Fact2(N - 2);

}

else {}

}

int main()

{

int a;

cout << "chislo ? " << endl; cin >> a;

cout << Fact2(a) << endl;

}