

<https://github.com/enkidomusic/labs.git>

```
#include <iostream>
using namespace std;
int main() {
    setlocale(LC_ALL, "Russian");
    int variant(1);
    while (variant != 0) {
        float a(0), b(0), d(0), pi(0);
        cout << "Выберите задание(1, 2, 3, 4, 5)(для выхода нажмите '0': ";
        cin >> variant;
        if (variant == 1) {
            cin >> a >> b;
            cout << a * b << " " << 2 * (a + b) << endl;
        }
        if (variant == 2) {
            cin >> d;
            cout << pi * d << endl;
        }
        if (variant == 3) {
            cin >> a >> b;
            cout << (a + b) / 2 << endl;
        }
        if (variant == 4) {
            cin >> a >> b;
            a *= a;
            b *= b;
            cout << a + b << " " << a - b << " " << a * b << " " << a / b <<
endl;
        }
        if (variant == 5) {
            cin >> a >> b;
            a = abs(a);
            b = abs(b);
            cout << a + b << " " << a - b << " " << a * b << " " << a / b <<
endl;
        }
    }
}
```