```
int getUserInput() {
                                                                         cout << "Please enter an integer: " << endl;
                                                                         int value = 0;
                                                                         cin >> value;
                                                                         return value;
                                                                      int getUserInput();
                                                                     int getMatematicalOperation();
                                                                     int calculateResult(int x, int op, int y);
                                                                      void printResult(int result);
                                                                      int main() {
                                                                       char userSelection = 'y';
                                                                                                                                               int calculateResult(int x, int op, int y) {
int getMatematicalOperation() {
                                                                       do {
                                                                                                                                                if (op == '+') { return x + y; }
 cout << "Please enter which operator: " << endl;
                                                                        int input1 = getUserInput();
                                                                                                                                                if (op == '-') { return x - y; }
 char op;
                                                                                                                                                if (op == '*') { return x * y; }
if (op == '/') { return x / y; }
                                                                        int op = getMatematicalOperation();
 cin >> op;
                                                                        int input2 = getUserInput();
 // Защита от ввода некоректного символа
                                                                        int result = calculateResult(input1, op, input2);
 return -1;
                                                                        printResult(result);
                                                                                                                                                return -1;
                                                                        cout << "Do you want to play again?
                                                                        (y/n)" << endl;
                                                                        cin >> userSelection;
                                                                       } while (userSelection != 'n');
                                                                       return 0;
                                                                        void printResult(int result) {
                                                                         cout << "You result is: " << result << endl;
```