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//This programme gives the user the options to output the value of x, y, or x by y
#include <iostream>
using namespace std;

void main() {

    char option_code; // Variable used to choose from the menu

    double x = 5.0, y = 10.0;

    cout << " 1. Print value of x\n";
    cout << " 2. Print value of y\n";
    cout << " 3. Print value of xy\n";

    cin >> option_code;

    // Switch-case strcuture: decides what to do based on the input
    switch (option_code)
    {
        case '1': // Pay attention to the quotation marks used for character type
            cout << "x=" << x << "\n";
            break;

            case '2':
                cout << "y=" << y << "\n";
                break;

            case '3':
                cout << "x*y = " << x * y << "\n";
                break;

            default: cout << "Unrecognized option\n"; // When the option is unavailable this
                break;

    }

    system("pause");

}
```

is called