```cpp
 1 #include <iostream>
 2
 3 using namespace std;
 4
 5
 6 void user_info() {
 7     cout << "\tAuthor: James Abreu." << endl;
 8     cout << "\t" << __DATE__ << endl;
 9     cout << "\t" << __TIMESTAMP__ << endl;
10     cout << endl;
11 }
12
13 int main() {
14     user_info();
15     cout << "Distance calculator." << endl;
16     /*
17      * Variable definitions
18      * ============================================================================
   ===================
19      */
20     float speed{0};
21     float time{0};
22     float distance{0};
23
24     /*
25      * Ask for user input
26      * ============================================================================
   ===================
27      */
28     cout << "Enter the miles per hour of the vehicle: ";
29     cin >> speed;
30     cout << "Enter the time the vehicle was driven: ";
31     cin >> time;
32
33     /*
34      * Input validation
35      */
36     if (time < 1 || distance < 0) {
37         cout << "Input validation error." << endl;
38         return -1;
39     }
40
41     /*
42      * Display values
43      */
44     int hour{1};
45     cout << "Time| Total Distance Traveled" << endl;
46     do {
47         distance = speed * hour;
48         cout << hour << "  " << distance << endl;
49         hour++;
50     } while (hour <= time);
51
52     return 0;
53 }
```