Quiz -2\_09-23-20

#include <iostream>

using namespace std;

int main()

{

int c,r,x;

bool n;

cout << "Enter x\n";

cin >> x;

cout << "Enter a\n ";

cin >> c;

r = c;

r \*= x;

cout << "Enter b\n ";

cin >> c;

r += c;

r \*= x;

cout << "Enter c\n";

cin >> c;

r+= c;

n = r > 0;

cout << boolalpha << "It is " << n <<" "that" << r << "is positive\n";

Trace Table:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Step | x | C | R | n | Output | Return |
| 1 |  |  |  |  | out |  |
| 2 | value |  |  |  |  |  |
| 3 |  |  |  |  | out |  |
| 4 |  | value |  |  |  |  |
| 5 |  |  |  |  | out |  |
| 6 |  | value |  |  |  |  |
| 7 |  |  |  |  | out |  |
| 8 |  | value |  |  |  |  |
| 9 |  |  |  | value |  |  |
| 10 |  |  |  |  | out |  |
| 11 |  |  |  |  |  | 0 |

List of the Trace:

1. Output = Out
2. X = value
3. Output = Out
4. C = value
5. Output = out
6. C = value
7. Output = out
8. C = value
9. N = value
10. Output = out
11. Return = 0