**One of the tracing problems (check answers online at Dr. Ryba’s website problem #107)**

Consider the following C++ program. What is the output from the program in response to the following user input?

```cpp
#include <iostream>
using namespace std;

int main() {
    int x, y;
    cout << "Please enter two positive integers: ";
    cin >> x >> y;
    if (y <= 0) {
        cout << "Illegal" << endl;
        exit (1);
    }
    if (x <= 0) cout << "Are you positive?\n"
    while (x < 10) {
        cout << x; x = y + x;
    }
    cout << y << endl;
    return 0;
}
```

(a) The user enters: -5 5
(b) The user enters: 5 -5
(c) The user enters: 10 1
(d) The user enters: 1 10
(e) The user enters: 1 1