



Introduction to Computing CS 151

Department of Physics and Computer Science
Medgar Evers College

Quiz 02 - Tracing

Direction: Submit typed work or spreadsheet in the Quizzes directory of your GitHub repository or Dropbox; or in your Quiz02 google classroom assignment. The file named should be "quiz02.txt" or "quiz02.xls".

For this quiz, your objective is to construct the trace table for the following program using the inputs (3,4,-32,64). The function boolalpha makes boolean values display as true or false, but its does not diplay anything itself.

```
int main()
{
    int c,r,x;
    bool m;

    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;
    m = r == 0;

    cout << boolalpha << "It is "<< m << " that "<< r << " is zero\n";
    return 0;
}
```