



Introduction to Computing CS 151

Department of Physics and Computer Science
Medgar Evers College

Quiz 03 - Tracing

Direction: Submit typed work or spreadsheet in the **Quizzes** directory of your **GitHub** repository or **Dropbox**; or in your **Quiz03** google classroom assignment. The file named should be "quiz03.txt" or "quiz03.xls".

For this quiz, your objective is to construct the trace table (or trace table list) for the function call **CR(111)** where the definition of **CR()** is

```
bool CR(int n)
{
    bool w, x, y, z, r;
    int c;

    c = 3 * n;
    c += 16;
    c = c % 5;
    w = c == 4;

    c = 2 * n;
    c -= 100;
    c = c % 7;
    x = c == 3;

    c = 2 * n;
    c += 1;
    c = c % 3;
    y = c == 1;

    c = 3 * n;
    c -= 33;
    c = c % 2;
    z = c == 0;

    r = w && x && y && z;
    return r;
}
```