



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(32) where the definition of CR() is

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

    c = n;
    c += 50;
    c = c % 3;
    w = c == 1;

    c = 3 * n;
    c -= 41;
    c = c % 2;
    x = c == 1;

    c = 2 * n;
    c += 19;
    c = c % 5;
    y = c == 3;

    c = 4 * n;
    c -= 32;
    c = c % 7;
    z = c == 5;

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