Problem FC-8 (1 part)   **Compound Logical Predicates**

Part A: Draw the control flow graph corresponding to the following C fragment, including the flow within the compound predicate.

```
for (I = 100; I > 0; I--) {
    if ((X[I] < NumX) && ((Y[I] < NumY) || (Z[I] != 0)))
        Z[I] = 5*I;
    else
        Y[I] = 3*I;
}
I = X[0] + Y[0];
```