Problem FC-8 (2 parts)

Part A Draw a flow diagram for the following C code fragment. Be sure to draw the control flow determined by the compound predicate and the continue and break statements.

```c
for (I = 100; I > 0; I--) {
    A[I] = Foo(x);
    if (B[I] < A[I]) {
        Foo(y);
        continue;
    }
    if ((A[I] != 0) && (B[I]/A[I] > 0)){
        Foo(z);
        break;
    }
    B[I] = A[I] + C[I];
}
```

Part B Turn this compound predicate if-then-else statement into the equivalent nested if-then-else statement which does not use compound predicates (i.e., do not use the && and || operators).

```c
if (!((a == 9) || (b>0)) && (c!=8))
    z = 9;
else
    z = 17;
```