```c
int d = 2;
int foo(int a)
{
    int b = 1;
    int c;
    int f(int x)
    {
        int b = x + b;
        return b;
    }
    int g(int x)
    {
        c = f(x - b);
        return c + a;
    }
    c = c + g(d - b);
    return c;
}
```