Problem COM-2

Perform at least three standard compiler optimizations on the following C code fragment by writing the optimized version (in C) to the right.

```c
int foo(int x, int y) {
    int i = x;
    int m = 64;
    while (i==bar(x%y, m)){
        m = baz(i + 5, m/16);
        i += 5;
    }
    return(m);
}
```

Briefly describe which standard compiler optimizations you applied: