

# Exercise 1

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Find **3 mistakes** in this program.

```
# include <iostream>

double f (double x) {
    return g(2.0 * x);
}

bool g (double x) {
    return x % 2.0 == 0;
}

void h () {
    std::cout << result;
}

int main () {
    double result = f(3.0);
    h();

    return 0;
}
```

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**Problem 1: g () not yet known**

scope of g starts later

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**Problem 2: Modulo**

no modulo for double

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**Problem 3: h () does not «see» result**

result is out-of-scope

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**Problem 2: Modulo**

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