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// CprE 185: Lab 3
// Problem 1: Mysterious Output

#include <stdio.h>

int main()
{
    int integerResult;
    double decimalResult;

    /*
    1. integerResult is an int, but a double value is assigned to it
       --Solution: Changed 'integerResult' to decimalResult
    2. Integer division
       --Solution: Chagned 77/5 to 77.0/5.0
    */
    decimalResult = 77.0 / 5.0;
    printf("The value of 77/5 is %lf\n", decimalResult);

    /*
    There is no value after the string to
    be displayed in the place of %d
       --Solution: Chagned printf("..%d", ); to printf("..%d", integerResult);
    */
    integerResult = 2 + 3;
    printf("The value of 2+3 is %d\n", integerResult);

    /*
    The integer formatter %d is used for a double value
       --Solution: Changed %d to %lf
    */
    decimalResult = 1.0 / 22.0;
    printf("The value 1.0/22.0 is %lf\n", decimalResult);

    0;
}
```