

// What does the following program print?

```
void setup(){
    println(mystery(10,20,30));
    println(mystery(20,30,10));
    println(mystery(30,20,10));
}
boolean mystery(int x, int y, int z){
    return x <= y && y <= z;
}
```

// What does the following program print?

```
void setup(){
    int x = 10;
    timesTwo(x);
    println(x);
}

void timesTwo(int x){
    x = x * 2;
    println(x);
}
```

```
// What does the following program print?
void setup() {
    println("func1 = " + func1(func2(5)));
}

int func1(int x) {
    println("func1 x = " + x);
    return 2*x;
}

int func2(int x) {
    int y = func1(x);
    println("func2 x = " + x);
    return y;
}
```

```
// What does the following program print?
void setup() {
    func1(func2(func3(5)));
}

void func1(int x) {
    println("func1 " + x);
}

int func2(int x) {
    println("func2 " + x);
    return func3(2*x);
}

int func3(int x) {
    println("func3 " + x);
    return x+100;
}
```