1. Consider the following class definition:

```java
public class Foo {
    double a;
    int b;

    public void Foo (double x, int y) {
        this.a = x;
        this.b = y;
    }
}
```

a) What is wrong with the class constructor, if anything?

b) Write a method for `Foo` objects so that a `Foo` object's data fields can be incremented by 1 each. The method should be called `increase()`. For example, if after the following client code executes

```java
Foo f = new Foo(3.2, 7);
f.increase();
```

The object's data fields (a and b) should be 4.2 and 8 respectively.

q11b