

## Code

Here are a couple of types.

```
1 data Couldbe a = Sure a
2               | Nope
3
4 data Weird a = Foo a
5              | Bar a a
6              | Baz
```

None of this “deriving Show” stuff! We’re going to do this manually.

## Questions

Do these questions first for `Couldbe`, and then for `Weird`.

1. Use the `Show` typeclass to implement a `show` function.
2. Use the `Eq` typeclass to implement equality.
3. Use the `Functor` typeclass to implement `fmap`.
4. Use the `Applicative` typeclass to implement `pure` and `<*>`.