

Every argument to `->` must be of kind `*`.

**Functor laws**

Instances of the Functor typeclass abide by 2 laws: Identity, Composition, and Structure preservation.

Making quickcheck generate functions.

IO Functor

Definition : **Higher-kinded polymorphism**

Functor, datatype having a higher kind as parameter.

Definition : **Lifting**

Lifting means applying a typec onstructor to a type (f a).