Chapter 8 - Declaring Types and Classes

→ A new name for an existing name can be defined via type declaration. Declare types, and define functions

Ex:

```
type String = [Char]
```

→ Can help with reading other types easier

→ Can also have parameters

Ex: type Pair a = (a, a)

→ Cannot be recursive Ex: type Tree = (Int, [Tree])

→ Allowed to nest other types together

→ Data declaration, data keyword introduces a new type

Ex: data Bool = False | True

→ Can also have parameters when doing data declaration

→ Recursive types can be declared using data keyword

Ex: data Nat = Zero | Succ Nat

↳ Can think of it like Natural number