

FIT2102 PASS – Week 7

Algebraic Data Types

```
data Suit = Diamond | Club | Heart | Spade
```

Typeclasses – Show

```
instance Show Suit where  
  show Diamond = "D"
```

Typeclasses – Eq

```
instance Eq Suit where  
    (==) Diamond Diamond = True
```

Typeclasses – Ord

```
instance Ord Suit where  
    compare Diamond Heart = LT
```

Live coding – Typeclasses

https://en.wikipedia.org/wiki/Big_two

(only the suits...)

Live coding – System F's fp-course

<https://github.com/system-f/fp-course>
(List.hs)

Q&A

Ask me anything, maybe?