can be compared for equality and inequality

(Haskell classes) Saturday 29th October, 2016

values can be compared

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```
class (Eq a) => Ord a where
    compare                 :: a → a → Ordering
    (<), (<=), (>=), (>)    :: a → a → Bool
    max, min                :: a → a → a
    ...
```

```
class Eq a where
    (==), (/=)      :: a → a → Bool
    x /= y          =  not (x == y)
    x == y          =  not (x /= y)
```