

```

ouzo2:code$ ghci
GHCi, version 8.2.2: http://www.haskell.org/ghc/  ?: for help
Loaded GHCi configuration from /Users/hallgren/.ghci
Prelude> [0.5, 1, .. 3]

<interactive>:1:10: error: parse error on input '..'
Prelude> [0.5, 1 .. 3]
[0.5,1.0,1.5,2.0,2.5,3.0]
Prelude> [0.5, 1 .. 4]
[0.5,1.0,1.5,2.0,2.5,3.0,3.5,4.0]
Prelude> [0.3, 1 .. 4]
[0.3,1.0,1.7,2.4,3.0999999999999996,3.7999999999999994]
Prelude> minBound ::Int
-9223372036854775808
Prelude> maxBound ::Int
9223372036854775807
Prelude> :l Overloading.hs
[1 of 1] Compiling Overloading      ( Overloading.hs, interpreted )
Ok, one module loaded.
*Overloading> example_hand_3
Add (Card {rank = Numeric 5, suit = Hearts}) (Add (Card {rank = Ace, suit = Spades}) (Add (Card {rank = King, suit = Clubs}) Empty))
*Overloading> :r
[1 of 1] Compiling Overloading      ( Overloading.hs, interpreted )
Ok, one module loaded.
*Overloading> Spades
♠
*Overloading> example_hand_3
Add (Card {rank = Numeric 5, suit = ♥}) (Add (Card {rank = Ace, suit = ♠}) (Add (Card {rank = King, suit = ♣}) Empty))
*Overloading> :r
[1 of 1] Compiling Overloading      ( Overloading.hs, interpreted )
Ok, one module loaded.
*Overloading> all
all      all_ranks
*Overloading> all_ranks
[2,3,4,5,6,7,8,9,10,J,Q,K,A]
*Overloading> 5
5
*Overloading> Numeric 5
5
*Overloading> example_hand_
example_hand_0  example_hand_1  example_hand_2  example_hand_3
*Overloading> example_hand_3
Add (Card {rank = 5, suit = ♥}) (Add (Card {rank = A, suit = ♠}) (Add (Card {rank = K, suit = ♣}) Empty))
*Overloading> :r
[1 of 1] Compiling Overloading      ( Overloading.hs, interpreted )
Ok, one module loaded.
*Overloading> example_hand_3
Add 5♥ (Add A♠ (Add K♣ Empty))
*Overloading> :r
[1 of 1] Compiling Overloading      ( Overloading.hs, interpreted )
Ok, one module loaded.

```

```

*Overloading> example_hand_3
5♥ A♠ K♣
*Overloading> (example_hand_3,ex
example_card_1 example_hand_0 example_hand_2 exp
example_card_2 example_hand_1 example_hand_3 exponent
*Overloading> (example_hand_3,example_1)

<interactive>:21:17: error: Variable not in scope: example_1
*Overloading> (example_hand_3,example_hand_1)
(5♥ A♠ K♣ ,K♣ )
*Overloading> :r
[1 of 1] Compiling Overloading      ( Overloading.hs, interpreted )

Overloading.hs:110:27: error:
  'value' is not a (visible) method of class 'Small'
110 | instance Small ()    where value = []
      |           ^^^^^^

Overloading.hs:112:27: error:
  'value' is not a (visible) method of class 'Small'
112 | instance Small Bool where value = enumAll
      |           ^^^^^^

Overloading.hs:113:27: error:
  'value' is not a (visible) method of class 'Small'
113 | instance Small Char where value = enumAll
      |           ^^^^^^
Failed, no modules loaded.
Prelude> :r
[1 of 1] Compiling Overloading      ( Overloading.hs, interpreted )
Ok, one module loaded.
*Overloading> values
[()]
*Overloading> values :: [Bool]
[False,True]
*Overloading> length (values :: [Char])
1114112
*Overloading> :r
[1 of 1] Compiling Overloading      ( Overloading.hs, interpreted )
Ok, one module loaded.
*Overloading> values [(Bool,Bool)]

<interactive>:29:1: error:
  • Couldn't match expected type '[(a1, b0)] -> t'
    with actual type '[a0]'
  • The function 'values' is applied to one argument,
    but its type '[a0]' has none
    In the expression: values [(Bool, Bool)]
    In an equation for 'it': it = values [(Bool, Bool)]
  • Relevant bindings include it :: t (bound at <interactive>:29:1)

```

```
<interactive>:29:10: error: Data constructor not in scope: Bool  
  
<interactive>:29:15: error: Data constructor not in scope: Bool  
*Overloading> values :: [(Bool,Bool)]  
[(False,False),(False,True),(True,False),(True,True)]  
*Overloading> :r  
[1 of 1] Compiling Overloading      ( Overloading.hs, interpreted )  
Ok, one module loaded.  
*Overloading> :r  
[1 of 1] Compiling Overloading      ( Overloading.hs, interpreted )  
Ok, one module loaded.  
*Overloading> :r  
Ok, one module loaded.  
*Overloading> smallCheck1 prop_Ace  
True  
*Overloading> smallCheck1 prop_Face
```

<interactive>:35:13: error:

- Couldn't match type 'Card -> Bool' with 'Bool'
Expected type: Card -> Bool
Actual type: Card -> Card -> Bool
- Probable cause: 'prop_Face' is applied to too few arguments
In the first argument of 'smallCheck1', namely 'prop_Face'
In the expression: smallCheck1 prop_Face
In an equation for 'it': it = smallCheck1 prop_Face

```
*Overloading> :t prop_Face  
prop_Face :: Card -> Card -> Bool  
*Overloading> :r  
[1 of 1] Compiling Overloading      ( Overloading.hs, interpreted )  
Ok, one module loaded.  
*Overloading> smallCheck1 prop_Face  
True  
*Overloading> 52*52  
2704  
*Overloading> :t g  
g :: String -> String  
*Overloading> g "42"  
"52"  
*Overloading> :r  
[1 of 1] Compiling Overloading      ( Overloading.hs, interpreted )
```

Overloading.hs:172:7: error:

- Ambiguous type variable 'a0' arising from a use of 'show'
prevents the constraint '(Show a0)' from being solved.
Probable fix: use a type annotation to specify what 'a0' should be.
These potential instances exist:
 instance Show Ordering -- Defined in 'GHC.Show'
 instance Show Integer -- Defined in 'GHC.Show'
 instance Show Card -- Defined at Overloading.hs:79:10
 ...plus 27 others
 ...plus 16 instances involving out-of-scope types
 (use -fprint-potential-instances to see them all)
- In the expression: show (read s)
In an equation for 'f': f s = show (read s)

```
172 | f s = show (read s)           -- defaulting does not kick in
     | ^^^^^^^^^^^^^^
```

Overloading.hs:172:13: **error:**

- Ambiguous type variable 'a0' arising from a use of 'read'
prevents the constraint '(Read a0)' from being solved.
Probable fix: use a type annotation to specify what 'a0' should be.
These potential instances exist:
 instance Read Ordering -- Defined in 'GHC.Read'
 instance Read Integer -- Defined in 'GHC.Read'
 instance Read a => Read (Maybe a) -- Defined in 'GHC.Read'
 ...plus 22 others
 ...plus 7 instances involving out-of-scope types
 (use -fprint-potential-instances to see them all)
- In the first argument of 'show', namely '(read s)'
In the expression: show (read s)
In an equation for 'f': f s = show (read s)

```
172 | f s = show (read s)           -- defaulting does not kick in
     | ^^^^^^
```

Failed, no modules loaded.

```
Prelude> readFile "example.txt"
"June is warm\nJuly is warm\nJanuary is cold\n"
Prelude> lines <$> readFile "example.txt"
["June is warm","July is warm","January is cold"]
Prelude> fmap words "abcd efgh 123"
```

<interactive>:45:12: **error:**

- Couldn't match type 'Char' with '[Char]'
Expected type: [String]
Actual type: [Char]
- In the second argument of 'fmap', namely '"abcd efgh 123"'
In the expression: fmap words "abcd efgh 123"
In an equation for 'it': it = fmap words "abcd efgh 123"

```
Prelude> map words "abcd efgh 123"
```

<interactive>:46:11: **error:**

- Couldn't match type 'Char' with '[Char]'
Expected type: [String]
Actual type: [Char]
- In the second argument of 'map', namely '"abcd efgh 123"'
In the expression: map words "abcd efgh 123"
In an equation for 'it': it = map words "abcd efgh 123"

```
Prelude> :t foldr
foldr :: Foldable t => (a -> b -> b) -> b -> t a -> b
Prelude> :t sum
sum :: (Num a, Foldable t) => t a -> a
Prelude> :i Foldable
class Foldable (t :: * -> *) where
  Data.Foldable.fold :: Monoid m => t m -> m
  foldMap :: Monoid m => (a -> m) -> t a -> m
  foldr :: (a -> b -> b) -> b -> t a -> b
  Data.Foldable.foldr' :: (a -> b -> b) -> b -> t a -> b
```



```
4
6
*TTestDataGenerators> sample (vectorOf 5 (choose (1,6)))

<interactive>:65:34: error:
  parse error (possibly incorrect indentation or mismatched brackets)
*TTestDataGenerators> sample (vectorOf 5 (choose (1,6)))
[2,6,1,3,1]
[2,5,3,5,6]
[3,2,6,1,2]
[4,5,3,6,3]
[5,3,3,4,4]
[2,4,3,6,3]
[1,3,1,5,5]
[4,4,6,2,3]
[3,2,3,6,5]
[6,6,5,1,5]
[1,6,3,4,3]
*TTestDataGenerators> sample (list 5 (choose (1,6)))
listOf    listOf1    listToHand
*TTestDataGenerators> sample (listOf (choose ('a','z')))
"""
"jg"
"fha"
"thv"
"pkfbbsr"
"""
"ldwkzofwca"
"wwdlivvl"
"popemdfbjrbbulj"
"h"
"efkkgyyhvql"
*TTestDataGenerators> :r
[2 of 2] Compiling TestDataGenerators ( TestDataGenerators.hs, interpreted )
Ok, two modules loaded.
*TTestDataGenerators> sample rSuit
♠
♥
♣
♥
♠
♣
♦
♦
♦
♦
♦
♦
*TTestDataGenerators> :r
[2 of 2] Compiling TestDataGenerators ( TestDataGenerators.hs, interpreted )
Ok, two modules loaded.
*TTestDataGenerators> sample rRank_v1
5
9
K
```

```
J  
J  
9  
7  
10  
Q  
7  
Q  
*TestDataGenerators> :r  
[2 of 2] Compiling TestDataGenerators ( TestDataGenerators.hs, interpreted )  
Ok, two modules loaded.  
*TestDataGenerators> sample rNumeric  
6  
9  
5  
7  
8  
9  
6  
3  
8  
5  
8  
*TestDataGenerators> sample rFaceCard  
A  
K  
J  
J  
Q  
K  
A  
A  
K  
K  
Q  
*TestDataGenerators> :r  
[2 of 2] Compiling TestDataGenerators ( TestDataGenerators.hs, interpreted )  
Ok, two modules loaded.  
*TestDataGenerators> sample rRank_v2  
Q  
3  
9  
K  
A  
Q  
10  
K  
2  
A  
10  
*TestDataGenerators> :t frequency  
frequency :: [(Int, Gen a)] -> Gen a  
*TestDataGenerators> :r  
[2 of 2] Compiling TestDataGenerators ( TestDataGenerators.hs, interpreted )
```

```
Ok, two modules loaded.
*TestDataGenerators> :t rRank_v3
rRank_v3 :: Gen Rank
*TestDataGenerators> sample rRank_v3
7
2
4
6
2
10
Q
8
8
2
K
*TestDataGenerators> :r
[2 of 2] Compiling TestDataGenerators ( TestDataGenerators.hs, interpreted )
Ok, two modules loaded.
*TestDataGenerators> sample rCard
4♥
Q♣
6♥
6♠
A♦
4♦
7♥
A♥
10♦
Q♣
7♥
*TestDataGenerators> :r
[2 of 2] Compiling TestDataGenerators ( TestDataGenerators.hs, interpreted )
Ok, two modules loaded.
*TestDataGenerators> sample evenInteger
0
0
0
8
0
-16
16
26
4
6
-22
*TestDataGenerators> :r
[2 of 2] Compiling TestDataGenerators ( TestDataGenerators.hs, interpreted )
Ok, two modules loaded.
*TestDataGenerators> sample nonNegative
0
1
3
1
3
```

```
2
5
5
14
10
19
*TestDataGenerators> :r
[2 of 2] Compiling TestDataGenerators ( TestDataGenerators.hs, interpreted )
Ok, two modules loaded.
*TestDataGenerators> sample pairsOfEvenIntegers
(0,0)
(4,2)
(-8,4)
(-10,8)
(6,0)
(-10,-6)
(-24,-22)
(-16,0)
(-12,-16)
(-8,-2)
(-16,-16)
*TestDataGenerators> :t doTwice
doTwice :: Monad m => m b -> m (b, b)
*TestDataGenerators> :r
[2 of 2] Compiling TestDataGenerators ( TestDataGenerators.hs, interpreted )
Ok, two modules loaded.
*TestDataGenerators> :t doTwice
doTwice :: IO a -> IO (a, a)
*TestDataGenerators> :r
[2 of 2] Compiling TestDataGenerators ( TestDataGenerators.hs, interpreted )
Ok, two modules loaded.
*TestDataGenerators> sample pairsOfEvenIntegers
(0,0)
(-2,4)
(-2,0)
(-8,-6)
(12,-4)
(-2,20)
(6,6)
(-8,14)
(2,-4)
(-34,-22)
(-24,8)
*TestDataGenerators> sample (doTwice (doTwice rCard))
((6♥,2♠),(10♣,5♠))
((3♠,J♣),(A♥,8♦))
((Q♠,7♥),(5♥,7♣))
((8♥,4♥),(J♦,A♦))
((9♣,4♣),(5♣,9♦))
((10♠,3♣),(2♥,3♥))
((4♣,3♦),(5♣,Q♥))
((K♥,5♣),(5♥,4♥))
((J♥,10♦),(A♣,8♥))
((A♦,3♦),(J♦,10♥))
```

```
((6♠,10♣),(A♦,2♣))
*TestDataGenerators> :r
[2 of 2] Compiling TestDataGenerators ( TestDataGenerators.hs, interpreted )
Ok, two modules loaded.
*TestDataGenerators> sample rHand_v1

7♠
9♦

A♠ 10♣ 3♠

9♣ 7♦

*TestDataGenerators> :r
[2 of 2] Compiling TestDataGenerators ( TestDataGenerators.hs, interpreted )
Ok, two modules loaded.
*TestDataGenerators> sample rHand_v2
7♥

10♥
K♦

6♥
A♦

5♥ 9♥ K♥
2♦ 10♥

*TestDataGenerators> sample rHand_v2
2♦ K♦
2♠
8♦
6♦
J♠ 7♦ 3♦
Q♦ 10♥
A♣

6♥
2♠

*TestDataGenerators> sample rHand_v2

J♣ 9♥
6♥
9♥
8♣
A♠ A♣
6♠

A♠ 6♦
```

```
*TestDataGenerators> :r
[2 of 2] Compiling TestDataGenerators ( TestDataGenerators.hs, interpreted )
Ok, two modules loaded.
*TestDataGenerators> sample rHand_v2
8♥ J♦ A♥ 10♥
3♣
K♥ A♥
7♦
5♣
J♠ 2♦
4♣ 7♣ 7♦ 8♥ 7♥ 3♣ 9♣

2♦ K♦
8♠ 7♥ K♣
K♣ 6♦
*TestDataGenerators> sample rHand_v2
5♣
A♥
Q♦ 9♣
A♣
A♦ K♥
K♣ Q♥
7♦
9♦ 7♠
Q♣
A♦ J♥ K♣
A♣
*TestDataGenerators> sample rHand_v2

7♠
4♣ 7♣
8♠
3♣
8♥
9♦ 6♦ Q♣
5♥
2♦
8♠
4♣
*TestDataGenerators> :r
[2 of 2] Compiling TestDataGenerators ( TestDataGenerators.hs, interpreted )
Ok, two modules loaded.
*TestDataGenerators> sample rHand_v2
K♣ 4♣ 6♥ A♣ 3♣ 5♦ 4♣
8♠ J♦ J♥ 6♥
2♣ 2♠ 2♦ 5♣ K♥ 9♣
Q♥ 10♥ 10♦ J♥ 3♣ 5♦ 7♠ 4♣ A♦ 7♣ 2♦ 4♦ 9♣ 10♥ 10♥ 4♦ 7♣
5♦ K♣
4♣ Q♦ J♣

8♣ 3♣ 7♣ A♥ 3♣ Q♦ 10♣ 3♥
3♥ 10♣ 7♥ 7♥ A♥
7♦ Q♣ J♦ 2♥ Q♥ 10♦ 8♣ A♣
```

K♥ 9♣ 4♣ 8♦ 5♣ 7♣ A♥ 9♦ 8♣ 5♥ 9♣ K♣ 8♦ 8♣ 2♣ 7♦ 7♣ 10♦ 2♦ Q♦ J♦ 6♦

*TestDataGenerators> sample rHand_v2

2♦ 4♥

7♣ A♥ 2♥ 9♣ 3♦ 9♦ J♣ 10♥

5♦ 10♥ 6♥ 6♦ 10♣ 4♦ 8♥ 8♣ J♣ 7♣ Q♣

2♥ Q♦

K♦

J♣ 5♥

10♦ 3♥

7♠ Q♦

5♣ 9♦ 8♣ 3♣ 7♣ 7♠ 3♥ A♣ 4♦

A♦ 2♣ 8♣ J♦

3♣ 8♦ 3♣ K♣ 5♣ 2♥ 4♥ 5♣ 6♥ 6♥ 2♣ A♥ 6♦

*TestDataGenerators> sample rHand_v2

J♦ 3♦ J♣ A♥ 4♣ 8♣ Q♣ J♣ 10♥ 8♣ A♣ 9♦ A♥ 4♥ J♣

Q♦ 9♣ 4♥

10♣ 9♥ A♦ 6♦ K♣

3♦ 7♣ K♣

4♥

10♥

2♣ 9♣ Q♥ 2♣ K♣

K♦

*TestDataGenerators> :r

[2 of 2] Compiling TestDataGenerators (TestDataGenerators.hs, interpreted)

Ok, two modules loaded.

*TestDataGenerators> sample rHand_v2

J♣ 9♣ 3♥ K♣ J♥ 9♦ A♣ 9♥

7♣

Q♣

10♥ J♦ J♥

9♣ 6♥ A♦ 9♣ 7♣ J♦ 2♦ 3♣ 4♣ A♥ Q♣ J♦

5♣ 5♣ K♣ 7♣ 9♥ 6♥ A♣

4♣ J♦ K♣ 5♣ J♥ J♦ J♣ K♥ 6♥ Q♣ 9♦ Q♣ 2♥

4♣ 5♣ 10♥ 5♣ 9♣ 8♥ 7♣

6♥ K♥ 3♦ Q♦ 10♦ 3♣ J♦ J♣ A♣ J♣ 4♥ 10♣ 7♣ 2♣ 10♣ 4♥ 3♣ A♦ 2♦ 3♣ 7♣ J♣ 2♦ 2♦

4♣ 8♥

8♥ 4♥ 7♣

*TestDataGenerators> sample rHand_v2

9♣ 8♥ 8♥ 3♥ 10♥ 7♥ 10♥ 9♣ 4♦ 3♥ J♣ A♣ 4♥ 6♥ K♣ 7♣ J♣ 3♣ A♣ 8♣ 2♥

3♣ 5♦ 8♣ Q♥

5♣

2♣ 9♥ A♣ 4♦ A♣

K♥ K♦ 3♣ 5♣

2♦ 7♣ A♣ 7♦ 8♣ 3♥ A♦ 10♦ J♦ A♣ J♣ 5♣ 8♥ 4♣ 8♦ 9♦ 3♣ J♣ 3♣ 4♣

8♦ A♣ 6♣

A♥ K♥ 2♣ 9♥ 6♥

K♣ 10♦ K♣ 9♥

*TestDataGenerators> sample rHand_v2

7♣

```

8♣ A♦

6♦ 2♦ 7♥ 8♦ A♥ 7♠ 10♦ 7♠ 7♦ 5♦ A♠ 9♣

4♥ K♥ K♦ 7♠ 6♦

5♦
Q♦ 6♠ 6♥ A♣ 3♥ 2♥ 2♣ J♣ 9♦ 8♠ 6♥ 7♣ A♣ 8♦ Q♥ 9♣
2♦
K♣ 7♣ Q♥ 10♣ K♣ 3♥ 2♣
*TestDataGenerators> sample rHand_v2

10♣ 4♦ J♣ 9♣ 2♦ 6♥
3♥ 4♣ 6♥ Q♣ 3♦ 2♥ 10♦ 9♦ 6♣

4♣ 5♦ 10♣ K♣
8♣ 9♥
A♣ J♦ K♦
4♣
6♦ 9♥ 10♦ 10♦ Q♣ 8♣ 4♣ 8♣
Q♦ 7♣
7♥ Q♣ 6♣ J♦ 2♣
*TestDataGenerators> :t nub
nub :: Eq a => [a] -> [a]
*TestDataGenerators> :r
[2 of 2] Compiling TestDataGenerators ( TestDataGenerators.hs, interpreted )

```

TestDataGenerators.hs:100:21: error:

- No instance for (Arbitrary Card)
arising from a use of 'arbitrary'
- In a stmt of a 'do' block: cs <- arbitrary
In the expression:
 do cs <- arbitrary
 return (listToHand (nub cs))
In an equation for 'rHand_v3':
 rHand_v3
 = do cs <- arbitrary
 return (listToHand (nub cs))

```

100 | rHand_v3 = do cs <- arbitrary
      | ^^^^^^^^^^

```

Failed, one module loaded.

```

*Overloading> :r
[2 of 2] Compiling TestDataGenerators ( TestDataGenerators.hs, interpreted )
Ok, two modules loaded.
*TestDataGenerators> sample rHand_v3

```

```

3♥ 2♣ J♣ 4♣
2♣ 3♦ 7♦ A♥ 10♣
K♦ 8♥ 2♥ 3♥ A♦ 2♦ Q♦
7♦ J♦ 9♦ 3♣ 5♣ K♣
K♦
8♥ 3♣ 3♦

```

```
8♦ 5♠ 3♥ Q♣ 5♥ 2♠ 2♣ 9♠ A♦ 10♥ 4♦  
8♣ 3♥ J♣ J♦ 3♦ J♥ 3♠ 6♣ 6♦ 6♠ 4♣ K♥
```

```
*TestDataGenerators> sample rHand_v3
```

```
5♠  
J♠ 8♦  
Q♣ 5♦  
K♥ 6♥ 2♣ A♦  
A♣ 8♦ 9♣ Q♦ 7♥  
5♦ 10♣ J♣  
9♥ 6♠ 9♣ 8♥ 4♥ 6♥ J♥ Q♦ 10♣ 8♠ 9♣ 6♣ 3♦  
A♣ 4♥ K♥ K♣ 6♦  
10♣ 7♣ 9♣ 10♦ 8♣ 4♦ 5♣ 9♥  
Q♥ 4♣ 8♣ 9♣ 10♣ 9♦ 4♣
```

```
*TestDataGenerators> :r
```

```
[2 of 2] Compiling TestDataGenerators ( TestDataGenerators.hs, interpreted )  
Ok, two modules loaded.
```

```
*TestDataGenerators> :t val
```

```
validRank values
```

```
*TestDataGenerators> :t validRank
```

```
validRank :: Rank -> Bool
```

```
*TestDataGenerators> quickCheck validRank
```

```
+++ OK, passed 100 tests.
```

```
*TestDataGenerators> :r
```

```
[2 of 2] Compiling TestDataGenerators ( TestDataGenerators.hs, interpreted )  
Ok, two modules loaded.
```

```
*TestDataGenerators> quickCheck prop_Hand
```

```
+++ OK, passed 100 tests:
```

```
13% 1
```

```
10% 3
```

```
9% 7
```

```
9% 0
```

```
8% 6
```

```
8% 4
```

```
8% 2
```

```
7% 10
```

```
6% 5
```

```
5% 9
```

```
4% 15
```

```
3% 14
```

```
3% 12
```

```
3% 11
```

```
1% 8
```

```
1% 31
```

```
1% 25
```

```
1% 13
```

```
*TestDataGenerators> :r
```

```
[2 of 2] Compiling TestDataGenerators ( TestDataGenerators.hs, interpreted )
```

```
TestDataGenerators.hs:156:35: error:
```

```
  Ambiguous occurrence '==>'
```

```
  It could refer to either 'Test.QuickCheck.==>',
```

```
                                imported from 'Test.QuickCheck' at TestDataGenerato
```

```
rs.hs:14:1-22                                (and originally defined in 'Test.QuickCheck.Property')
y')
or 'Overloading.==>',
imported from 'Overloading' at TestDataGenerators.h
s:15:1-18                                     (and originally defined at Overloading.hs:151:3-5)
156 | prop_insert_1 x xs = isOrdered xs ==> isOrdered (insert x xs)
      |                                         ^^^
Failed, one module loaded.
*Overloading> :r
[1 of 2] Compiling Overloading      ( Overloading.hs, interpreted )

Overloading.hs:143:20: error:
• Variable not in scope: (==>) :: Bool -> Bool -> t
• Perhaps you meant '==' (imported from Prelude)
143 |             ==> (fc `cardBeats` nc)
      |             ^^^
Failed, no modules loaded.
Prelude> :r
[1 of 2] Compiling Overloading      ( Overloading.hs, interpreted )
[2 of 2] Compiling TestDataGenerators ( TestDataGenerators.hs, interpreted )
Ok, two modules loaded.
*TestDataGenerators> quickCheck prop_insert_1
+++ OK, passed 100 tests.
*TestDataGenerators> verboseCheck prop_insert_1
Passed:
()
[]

Passed:
()
[()]

Passed:
()
[()]

Passed:
()
[(),(),()]

Passed:
()
[()]

Passed:
()
[(),(),(),(),()]

Passed:
()
[()]

Passed:
()
```


Passed:

Passed:

Passed:

()
[(), (), (), (), (), ()]

Passed:

Passed:

()
[() , () , ()]

Passed:

Passed:

Passed:

Passed:

Passed:

Passed:

Passed:

Passed:

Passed:

()
[()]

Passed:

Passed:

Passed:

Passed:

()
[]

Passed:

()
[(), (), (), (), (), (), (), (), (), (), ()]

Passed:

Passed:

Passed:

Passed:

Passed:

Passed:

Passed:

Passed:

Passed:

()
[(), (), (), (), (), ()]

Passed:

Passed:

Passed:

Passed:

Passed:

()

[(),(),(),(),(),(),(),(),(),(),(),(),(),(),()]

Passed:

()

[(),(),(),(),(),(),(),(),(),(),(),(),(),(),(),()]

Passed:

()

[() , () , () , () , () , () , () , () , () , () , () , () , ()]

Passed:

()

[() , () , () , () , () , () , () , () , () , ()]

Passed:

()

Passed:

