Sorting a list

Haskell:

```
1 sort :: Ord a ⇒ [a] → [a]
```

Idris (my example, > 150 LOC):

```
1 quickSort : {a : Type} → {less : a → a → Type}
2   → {eq : a → a → Type}
3   → TotalOrder less eq
4   → (xs : List a)
5   → Exists (List a) (\ys ⇒ (IsSorted less ys, Permutation xs ys))
```