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0.1 Exercise 3.3

0.2 Tutorial

```
return an infinite list of all the elements
allElements :: a -> [a]
allElements x = x: allElements

step :: (Enum a) => a -> [a]
step x = [x..]

fromStep (Num a) => a -> a-> [a]
fromStep x y = x : fromStep (x+y) (y)

fromTo :: (Enum a, Ord a) => a -> a ->[a]
fromTo x y =
 | x <= y = [x] ++ fromTo (succ x) (y)
 | otherwise = []


format:: Int -> [String] -> [[String]]
format x str = line x str [] []

line :: Int -> [String] -> [String] -> [[String]] -> [[String]]
line maxLength [] oldLine result = (result ++ [oldline])
line maxLength (w : ws) oldLine result =
 | length( unWords oldLine) + (length w) + 1 <= maxLength =
 line maxLength (ws) (oldLine ++ [w]) result
 | otherwise = line maxlength (ws) ([w]) (result ++ [oldLine])

([2,3,4] (?->) (>10)) (*2)
(\f -> and [ (>10) (f x)) | x <- [2,3,4]) (*2)
and [(>10) (*2) x | x <- [2,3,4]]
and [False,False,False]
False && False && False
False
```

```
([[1,2,3],[2,4,7]] (?->) (isSorted)) id
```