```
import System.IO
data Days
 deriving (Show, Eq, Read, Ord, Bounded, Enum)
weeks = [Su .. Sa] ++ weeks
months = [31,29,31,30,31,30,31,31,30,31,30,31]
mkDays ds = concat [[1..n] | n<-ds]
mkMonths ds = concat \ zipWith (\l n -> map (const n) l) [[1..n] \l n<-ds] [1..12]
calendar2016 = zip3 ([Fr,Sa]++weeks) (mkDays months) (mkMonths months)
p13 [] = []
p13 (d@(Fr, 13, _):xs) = d : p13 xs
\overline{p13} (_:xs) = \overline{p13} xs
_length a [] = a
length a (_:xs) = _length (a+1) xs
_foldl _ a [] = a
_{\text{foldl f a (x:xs)}} = _{\text{foldl f (f a x) xs}} -- 4
```

```
prAno :: FilePath -> IO()
prAno f = do
 h <- openFile f ReadMode
 c <- hGetContents h
 putStr $ unlines $ mkAll $ lines c
 hClose h
mkAll :: [String] -> [String]
mkAll lns =
 annoLn (getMinMax lns) lns
getMinMax :: [String] -> (Int,Int)
getMinMax [] = (0,0)
getMinMax (l:ls) = let
 (mi,ma) = getMinMax ls
 ml = length l
 in if ml<mi then (ml,ma)</pre>
 else if ml>ma then (mi,ml)
 else (mi,ma)
annoLn :: (Int,Int) -> [String] -> [String]
annoLn _ [] = []
annoLn m@(mi,ma) (l:ls) = let
 di = length l - mi
 da = ma - length 1
 in ((show di)++"#"++(show da)++":"++1) : annoLn m ls
```