```
import System.IO
data SList a
= Co a (SList a)
| Ni
   deriving (Show, Eq)
where
fib x y = Co (x+y) (fib y (x+y))
takN _ Ni = Ni
takN n (Co v vs)
| n<1 = Ni
| True = Co v $ takN (n-1) vs
resolve :: Eq a => [a] -> [a] -> Int
resolve xs ys
| isPrefOf xs ys = -1
| isPrefOf ys xs = 1
| True = 0
isPrefOf :: Eq a => [a] -> [a] -> Bool
isPrefOf [] _ = True
isPrefOf (x:xs) (y:ys) = x==y && isPrefOf xs ys
isPrefOf _ _ = False
```

```
modify :: String -> String -> IO ()
modify fIn fOut = do
  hIn <- openFile fIn ReadMode
  hOut <- openFile fOut WriteMode
  c <- hGetContents hIn
  hPutStr hout $ unlines $ procl $ lines c
  hclose hOut
  hclose hOut
  hclose hIn

procl :: [String] -> [String]
procl (x:y:ys) =
  case resolve x y of
  -1 -> procl (y:ys)
  1 -> procl (x:ys)
  0 -> x : procl (y:ys)
procl x = x
```