```
import IO
nechť Y je operátor pevného bodu, E je lambda-výraz
zp [] _ = []
zp _ [] = []
zp (x:xs) (y:ys) = (x,y) : zp xs ys
zpw _ [] _ = []
zpw _ _ [] = []
zpw f (x:xs) (y:ys) = f x y : zpw f xs ys
f x y = (x,y) -- 7
zp xs ys === zpW f xs ys
insort [] = []
insort (x:xs) = foldr ins [x] xs
  where
  ins y [] = [y]
  ins y l@(z:zs) = if y > z then z : ins y zs else y : l
data DLog
  = DVal Integer String
| DNull
  deriving (Show, Eq)
notNullV :: DLog -> Bool
notNullV (DVal _ _) = True
notNullV _ = False
strV :: DLog -> String
strV (DVal i s) = show i ++ ":" ++ s
```

```
pline :: String -> DLog
pline l =
    if null | then DNull else DVal ((read time)::Integer) val
    where
        time = takewhile (\x -> elem x ['0'..'9']) |
        val = tail$ dropwhile (/='#') |

isM10 :: DLog -> Bool
    isM10 (DVal i _) = (i `mod` 10) == 0

pt :: String -> IO ()
pt f = do
    h <- openFile f ReadMode
    c <- hGetContents h
    let ml = map pline $ lines c
    let nnl = filter notNullv ml
    let d10 = filter isM10 nnl
    putStrLn $ unlines $ map strv d10
    hClose h

-- Prémie
-- pro test je možné využít toto prvočíslo 5000000029

isPrv = tst prv
    where
    prv = 2 : filter (tst prv) [3,5 ..]
        tst (p:ps) x = (p*p)>x || ((x `mod` p /=0) && tst ps x)

-- EOF
```