

fold [X] [Xs] [x, y, z] [1..10] [0..]

 hachle x:xs x:y:z [2,4...9] [0,1..]

take :: Integer -> [a] -> [a]

 k [...] [0:k]

 Sst

 Snd

takeWhile f (x:xs)

 | f x = x : (takeWhile f xs)

 | otherwise = []

takeWhile _ [] = []

 head

 tail

 (++)

last [] = error

 last (a:_) = a

 last (x:xs) = last xs

 x -> last (take 10 x)

where

 (x:xs) = ...

delitele x = seznam delitele x

 delitele x = filter (\y -> x `mod` y == 0) [1..x]

$f \dots \circ f \circ x = f x$

$A = \{ f(x) \mid x \in B, P(x) \}$

$[f x \mid x \in B, P x]$

$[x+y \mid x \in a, y \in b]$

drop 0 x = x

 drop n (x:xs) = drop (n-1) xs

 drop _ [] = []

span f (x:xs)

 | f x = (x : (span f xs))

 | otherwise = ([], (x:xs))

 takeWhile

$\Rightarrow \text{span } f \ l = (\text{takeWhile } f \ l, \text{dropWhile } f \ l)$

mochny x = map (x ^) [0..]

toOrderedSet f = map head (group (sort l))

 (map head).group.sort

unzip x:z = (x : (snd (unzip z)), (fst (unzip z)))

 (x:z) = (x:xs, y:ys)

where (yx, yz) = unzip z

$\lambda x: h \ (f \ (g \ x))$

 $h \ x = f \ (g \ x)$

$f \circ g = \lambda x \rightarrow f \ (g \ x)$

 $h \ x = (f \circ g) \ x$

$\bullet : (b \rightarrow c) \rightarrow (a \rightarrow b) \rightarrow (a \rightarrow c)$

 $h = (f \circ g)$

$b = (a \rightarrow v)$

 $([a] \rightarrow [v])$

 $(h \rightarrow l \rightarrow m)$

pythagoras m = Utwijice [1..m]

 $x \leq y \leq z$

 $= [(x, y, z) \mid x \in [1..m], y \in [1..m], z \in [1..m], x^2 + y^2 = z^2]$