```
1. squares :: Int -> Int squares n = sum [x^2 \mid x <- [1..n]] squares 100

OR

(\n -> sum [x^2 \mid x -> [1..n]]) 100

2. pyths :: Int -> [(Int, Int, Int)] pyths n = [(x, y, z) | x <- [1..n], y <- [1..n], z <- [1..n], x^2+y^2 == z^2]
```