```
sum [] = 0
sum (x:xs) = x + sum xs


isEven x = x `div` 2 == 0


sumEvens l =
  let evens = filter isEven
  in sum evens
```

The expression `evens` can have two conflicting types

> `sum`   `evens`

Conflicting types

Possible type 1

`evens ::` `[Int]`

Inferred from the orange highlights on the left side

Possible type 2

`evens ::` `[Int]→[Int]`

Inferred from the blue highlights on the left side

Relevant type information

`sum ::` `[Int] → Int`

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`filter :: (a→Bool)→[a]→[a]`

Imported from prelude