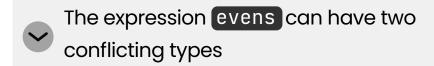
$$sum [] = 0$$

$$sum (x:xs) = x + sum xs$$

isEven 
$$x = x \cdot div \cdot 2 = 0$$





## **Conflicting types**

Possible type 1

evens :: [Int]

Inferred from the orange highlights on the left side

Possible type 2

evens ::  $[Int] \rightarrow [Int]$ 

Inferred from the blue highlights on the left side

## Relevant type information

$$sum :: [Int] \rightarrow Int$$

Inferred from the orange highlights on the left side

filter ::  $(a \rightarrow Bool) \rightarrow [a] \rightarrow [a]$ 

Imported from prelude