sum
$$[] = 0$$

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



Conflicting types

Possible type 1

xs :: [a]

1

Inferred from the orange highlights on the left side

Possible type 2

xs :: Int

Inferred from the blue highlights on the left side

Relevant type information

 $+ :: Int \rightarrow Int \rightarrow Int$

Imported from prelude