

`x :: String`

`x = y` is defined as `y` (step 2)

`y = 3`



The expression `x` can have two conflicting types



`x`

1 2

`y`

3 4



## Conflicting types

Possible type 1

`x :: String`

*Inferred from the orange highlights on the left side*

Possible type 2

`x :: Int`

*Inferred from the blue highlights on the left side*

## Relevant type information

`y :: Int`

*Inferred from the blue highlights on the left side*