

# SYNTAX OF AN `if` STATEMENT

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x <- c(8, 3, -2, 5)

if(x < 0) {
  print("x contains a negative number")
}
```

What do you expect to happen?

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Warning message:

In if (x < 0) print("Negative") :  
the condition has length > 1 and only the first  
element will be used

Trick question - we actually  
get a **warning**

The if statement looks for a  
single conditional value.

Here, `x < 0` will return a  
vector of 4 conditional values.