

# 99 questions/Solutions/47

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(\*) Truth tables for logical expressions (2).

Continue problem P46 by defining `and/2`, `or/2`, etc as being operators. This allows to write the logical expression in the more natural way, as in the example: `A and (A or not B)`. Define operator precedence as usual; i.e. as in Java.

```
-- functions as in solution 46
infixl 4 `or`
infixl 6 `and`
-- "not" has fixity 9 by default
```

Java operator precedence (descending) as far as I could fathom it:

```
logical not
equality
and
xor
or
```

Using "not" as a non-operator is a little evil, but then again these problems were designed for languages other than haskell :)

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