## Pure vs. impure

Modification	Impure language (Standard ML, Scheme)	Pure language (Miranda*, Haskell <sup>†</sup> )
Error messages	use exceptions	rewrite
Execution counts	use state	rewrite
Output	use output	rewrite
Backwards output	rewrite	modify output

<sup>\*</sup>Miranda is a trademark of Research Software Limited.

<sup>†</sup>Haskell is not a trademark.