What are Haskell's case rules?

Variables begin with a lowercase letter.

Type names begin with an uppercase letter.

CIS 554 Haskell

Give the comment syntax.

-- comment out the rest of the line.

```
{- multiline comment -}
(nesting is allowed)
```

Haskell

Describe Haskell's Boolean types?

True and False are of type Bool.

The type is strict, only admitting those two literals.

What are the Boolean operators?

Equality/Inequality?

&&, ||, not

'==` and `/=`

Haskell's math operators have types that are ...

Haskell

... strict, since there's no coercion. They have integer and floating point versions.

Haskell

Convert Float to Int.



Haskell

Convert a Char to an Int and back.

ord :: Char -> Int chr :: Int -> Char

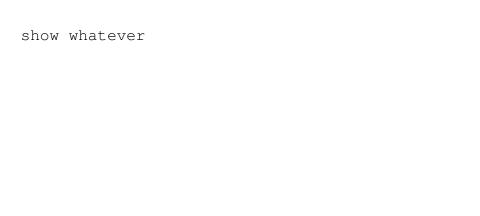
Haskell

What is a string, really?

A list of Chars, that is, [Char].

CIS 554 Haskell

Get string representations of objects.



Make a prefix operator infix.

Make an infix operator prefix.

Surrounding an identifier with back ticks makes it infix.

Surrounding an operator with parens makes it prefix.

Haskell

Index a list.

Test for membership.

```
ghci> ['a', 'b', 'c'] !! 0
'a'
elem, notElem
```

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Remove duplicates in a list.

Haskell

Concatenate two lists.

nub

concat

Access the elements of a 2-tuple.

fst, snd