

# Hello World!

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## Contents

1	Hello World	1
2	Hello World	1
3	Hello World	1

## 1 Hello World

Hello world! Testing some math  $x = 3...$  How about some more complicated math?

$$\begin{aligned} F(g \circ f) &= F(g) \circ F(f) & (1) \\ &= \text{cool} & (2) \end{aligned}$$

And this is what verbatim outputs

```
map :: (a -> b) -> [a] -> [b]
map _f [] = []
map f (a:as) = f a : map f as
```

## 2 Yo

asdf

## 3 Cool

```
;!DOCTYPE html;
!html xmlns="http://www.w3.org/1999/xhtml" lang=""
xml:lang=""
!head
!meta charset="utf-8"
!meta name="generator" content="pandoc"
!meta name="viewport" content="width=device-width, initial-scale=1.0, user-scalable=yes"
!meta name="author" content="Christian Pletbjerg"
!titleHello World!
!style
html line-height: 1.5; font-family:
```

Georgia, serif; font-size: 20px; color: 1a1a1a; background-color: fdfdfd; body margin: 0 auto; max-width: 36em; padding-left: 50px; padding-right: 50px; padding-top: 50px; padding-bottom: 50px; hyphens: auto; overflow-wrap: break-word; text-rendering: optimizeLegibility; font-kerning: normal; @media (max-width: 600px) body font-size: 0.9em; padding: 1em; h1 font-size: 1.8em; @media print body background-color: transparent; color: black; font-size: 12pt; p, h2, h3 orphans: 3; widows: 3; h2, h3, h4 page-break-after: avoid; p margin: 1em 0; a color: 1a1a1a; a:visited color: 1a1a1a; img max-width: 100 h1, h2, h3, h4, h5, h6 margin-top: 1.4em; h5, h6 font-size: 1em; font-style: italic; h6 font-weight: normal; ol, ul padding-left: 1.7em; margin-top: 1em; li &#2190; ol, li &#2190; ul margin-top: 0; blockquote margin: 1em 0 1em 1.7em; padding-left: 1em; border-left: 2px solid e6e6e6; color: 606060; code font-family: Menlo, Monaco, 'Lucida Console', Consolas, monospace; font-size: 85margin: 0; pre margin: 1em 0; overflow: auto; pre code padding: 0; overflow: visible; overflow-wrap: normal; .sourceCode background-color: transparent; overflow: visible; hr background-color: 1a1a1a; border: none; height: 1px; margin: 1em 0; table margin: 1em 0; border-collapse: collapse; width: 100overflow-x: auto; display: block; font-variant-numeric: lining-nums tabular-nums; table caption margin-bottom: 0.75em; tbody margin-top: 0.5em; border-top: 1px solid 1a1a1a; border-bottom: 1px solid 1a1a1a; th border-top: 1px solid 1a1a1a; padding: 0.25em 0.5em 0.25em 0.5em; td padding: 0.125em 0.5em 0.25em 0.5em; header margin-bottom: 4em; text-align: center; TOC li list-style: none; TOC ul padding-left: 1.3em; TOC &#2190; ul padding-left: 0; TOC a:not(:hover) text-decoration: none; codewhitespace: pre-wrap; span.smallcapsfont-variant: small-caps; span.underlinetext-decoration: underline; div.columnndisplay: inline-block; vertical-align: top; width: 50div.hanging-indentmargin-left: 1.5em; text-indent: -1.5em; ul.task-listlist-style: none; pre &#2190; code.sourceCode white-space: pre; position: relative; pre &#2190; code.sourceCode &#2190; span display: inline-block; line-height: 1.25; pre &#2190; code.sourceCode &#2190; span:empty height: 1.2em; .sourceCode overflow: visible; code.sourceCode &#2190; span color: inherit; text-decoration: inherit; div.sourceCode margin: 1em 0; pre.sourceCode margin: 0; @media screen div.sourceCode overflow: auto; @media print pre &#2190; code.sourceCode white-space: pre-wrap; pre &#2190; code.sourceCode &#2190; span text-indent: -5em; padding-left: 5em; pre.numberSource code counter-reset: source-line 0; pre.numberSource code &#2190; span position: relative; left: -4em; counter-increment: source-line; pre.numberSource code &#2190; span &#2190; a:first-child::before content: counter(source-line); position: relative; left: -1em; text-align: right; vertical-align: baseline; border: none; display: inline-block; -webkit-touch-callout: none; -webkit-user-select: none; -khtml-user-select: none; -moz-user-select: none; -ms-user-select: none; user-select: none; padding: 0 4px; width: 4em; color: aaaaaa; pre.numberSource margin-left: 3em; border-left: 1px solid aaaaaa; padding-left: 4px; div.sourceCode @media screen pre &#2190; code.sourceCode &#2190; span &#2190; a:first-child::before text-decoration: underline; code span.al color: ff0000; font-weight: bold; /\* Alert \*/ code span.an color: 60a0b0; font-weight: bold; font-style: italic; /\* Annotation \*/ code span.at color: 7d9029; /\* Attribute \*/ code span.bn color:

```

40a070; /* BaseN */ code span.bu color: 008000; /* BuiltIn */ code
span.cf color: 007020; font-weight: bold; /* ControlFlow */ code span.ch
color: 4070a0; /* Char */ code span.cn color: 880000; /* Constant */
code span.co color: 60a0b0; font-style: italic; /* Comment */ code span.cv
color: 60a0b0; font-weight: bold; font-style: italic; /* CommentVar */ code
span.do color: ba2121; font-style: italic; /* Documentation */ code span.dt
color: 902000; /* DataType */ code span.dv color: 40a070; /* DecVal */
code span.er color: ff0000; font-weight: bold; /* Error */ code span.ex /*
Extension */ code span.fl color: 40a070; /* Float */ code span.fu color:
06287e; /* Function */ code span.im color: 008000; font-weight: bold; /*
Import */ code span.in color: 60a0b0; font-weight: bold; font-style: italic;
/* Information */ code span.kw color: 007020; font-weight: bold; /* Key-
word */ code span.op color: 666666; /* Operator */ code span.ot color:
007020; /* Other */ code span.pp color: bc7a00; /* Preprocessor */ code
span.sc color: 4070a0; /* SpecialChar */ code span.ss color: bb6688; /*
SpecialString */ code span.st color: 4070a0; /* String */ code span.va color:
19177c; /* Variable */ code span.vs color: 4070a0; /* VerbatimString */ code
span.wa color: 60a0b0; font-weight: bold; font-style: italic; /* Warning */
mathdisplay: block; text-align: center; margin: 0.5rem auto; i/style;
lt IE 9]; jscript src="//cdnjs.cloudflare.com/ajax/libs/html5shiv/3.7.3/html5shiv-
printshiv.min.js"; i/script; i![endif]- i/head; i/body; i/header id="title-block-
header" i h1 class="title" iHello World! i/h1 i ip class="author" iChristian Plet-
bjerg i/p i/header i h1 id="hello-world" iHello World! i/h1 i p iHello world! Test-
ing some math i span class="math inline" i em i x i /em i = 3 i /span i ... How about
some more complicated math? i span class="math display" i

```

$$F(g \circ f) \text{amp;} = F(g) \circ F(f)$$

*amp; = cool*

```

i/span; And this is what verbatim outputs i/p; i div class="sourceCode" id="cb1"
data-language="Haskell" i i pre class="sourceCode haskell" i i code class="sourceCode
haskell" i i span id="cb1-1" i i a href="cb1-1" aria-hidden="true" tabindex="-1" i i /a i span
class="fu" i i map i /span i span class="ot" i :: i /span i (a i span class="ot" i -gt; i /span i
b) i span class="ot" i -gt; i /span i [a i span class="ot" i -gt; i /span i [b] i /span i i span
id="cb1-2" i i a href="cb1-2" aria-hidden="true" tabindex="-1" i i /a i span class="fu" i i map i /span i
f [] < spanclass = "ot" > = < /span > [] < /span > < spanid = "cb1 - 3" > <
ahref = "cb1 - 3" aria - hidden = "true" tabindex = " - 1" > < /a > <
spanclass = "fu" > map < /span > f(a < spanclass = "op" > : < /span >
as) < spanclass = "ot" > = < /span > fa < spanclass = "op" > : < /span > <
spanclass = "fu" > map < /span > fas < /span > < /code > < /pre > <
/div > < h1id = "yo" > Yo < /h1 > < p > asdf < /p > < h1id = "cool" >
Cool < /h1 > < /body > < /html >

```