A Minimal Demo of knitr

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You can test if **knitr** works with this minimal demo. OK, let's get started with some boring random numbers:

```
set.seed(1121)
(x <- rnorm(20))

## [1]  0.1449583  0.4383221  0.1531912  1.0849426  1.9995449 -0.8118832  0.1602680
## [8]  0.5858923  0.3600880 -0.0253084  0.1508809  0.1100824  1.3596812 -0.3269946
## [15] -0.7163819  1.8097690  0.5084011 -0.5274603  0.1327188 -0.1559430

mean(x)

## [1] 0.3217385

var(x)

## [1] 0.5714534
```
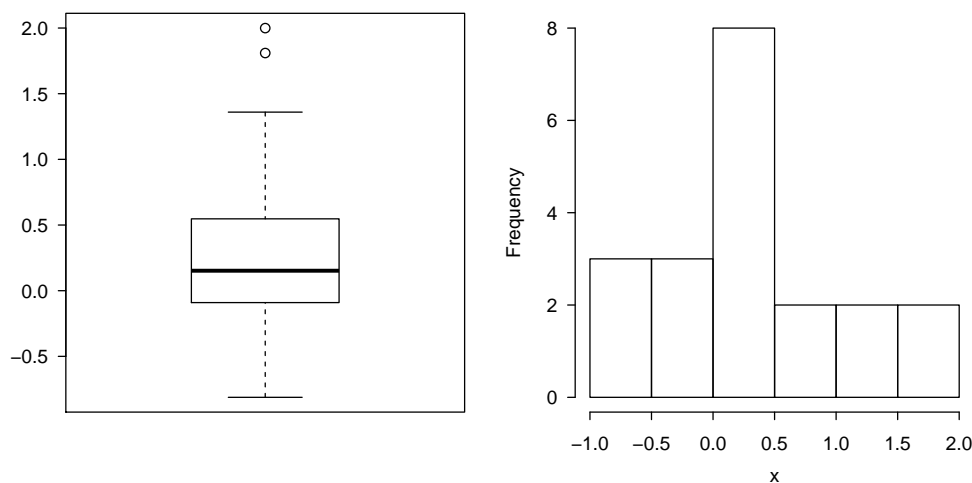
The first element of x is 0.1449583. Boring boxplots and histograms recorded by the PDF device:

```
## two plots side by side (option fig.show='hold')
par(mar = c(4, 4, 0.1, 0.1), cex.lab = 0.95, cex.axis = 0.9, mgp = c(2, 0.7, 0), tcl = -0.3,
    las = 1)
boxplot(x)
hist(x, main = "")
```


Do the above chunks work? You should be able to compile the TeX document and get a PDF file like this one: https://github.com/yihui/knitr/releases/download/doc/knitr-minimal.pdf. The Rnw source of this document is at https://github.com/yihui/knitr/blob/master/inst/examples/knitr-minimal.Rnw.