

```
title: "week 1"
output: pdf_document

x <- rchisq(100, 10)    # 100 samples of chi-squared 10
h <- hist(x, freq=FALSE) # create histogram
xfit <- seq(min(x), max(x), length=40)
yfit <- dchisq(xfit, 10) # chisq density
lines(xfit, yfit)
```

