1. What is $1 + 1$?

$$1 + 1 = 2$$

Or in R...

```r
## R code to compute 1+1 (the complicated way...)
x = 1
y = 1
addtogether = function(a, b) {
    return(a + b)
}
addtogether(x, y)

## [1] 2
```

2. Use standard, and robust regression methods to fit a linear model to these data:

x	17	6	5	3	9	10	20	14	1	2	11	15	8	4
y	13.1	6.3	2.74	5.13	4.99	7.86	19.20	18.3	1.59	2.11	9.83	16.3	2.2	5.02

```r
## R code to do the regression
library(robustbase) # load for lmrob(). To install run install.packages("robustbase") in R
# See echo=... above, which hides this and the next two lines
fitrob=lmrob(y~x)
par(mar=c(4,4,2,1), oma=c(0,0,0,0)) # see echo=... above, which hides this line.
plot(x,y,pch=19)
abline(fit,lty=1)
abline(fitrob,lty=2)
legend("topleft",c("Simple Regression","Robust Regression"), lty=c(1,2), cex=0.8)
```