This is a simple example of having code in a Word document

x = 1:10

[1] 1 2 3 4 5 6 7 8 9 10

Then we define y

y = 10\*x + 3 + rnorm(length(x))

[1] 12.89476 24.45585 34.75431 42.68424 53.56738 63.98961 73.23329 83.73408 94.61835 103.93288

mean

[1] 5.5

(x) and mean(y)

[1] 58.78648

with a correlation of cor(x,y).