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] 13.87743 23.20370 33.19282 42.45801 54.08266 62.79241 72.38842 83.03194 91.24306 102.90833

mean

[1] 5.5

(x) and mean(y)

[1] 57.91788

with a correlation of cor(x,y).