Experiment 1:

Translate: "Dear Sir, would you kindly move your large pickup truck from in front of my house. Truly, it vexes me terribly and I beseech you do so quickly". into a Southeastern US Redneck dialect

Translate: "Dear Sir, would you kindly move your large pickup truck from in front of my house. Truly, it vexes me terribly and I beseech you do so quickly". into posh English like a Radio 4 presenter might say

Translate: "Madame, we are biologists. We would like to dig up and take away a sample of dung beetles from the cow dung in your field." into Polish.

Translate: "Sir, we are biologists. We are looking for our camera trap that was hanging on a large tree in your field. Did you by chance see someone take it?" into Swahili

Experiment 2:

a)

ONLY USE PEER REVIEWED PUBLICATIONS FOR CITATIONS. For an impactful first paragraph, find GOOD publications with LOTS of citations in GREAT journals. You can do it!

Find me a real citation like this to make this claim: "This is essential because the demand for food production is expected to rise as the human population increases, placing tremendous strain on agricultural systems". Use google scholar and tell me how many citations there are for each suggestion.

b)

Write a paragraph about pollinator declines.

Rewrite the paragraph like Hemingway.

c)

This is the first sentence of a paragraph: "There is robust evidence that farming practices have contributed to a global decline in pollinator biodiversity and abundance, however recent studies demonstrate evidence for mitigation of these impacts". Write the rest of the paragraph providing up-to-date, relevant citations. Give at least three examples with some details from the cited respective publications. ONLY USE PEER REVIEWED PUBLICATIONS FOR CITATIONS. For an impactful first paragraph, find GOOD publications with LOTS of citations in GREAT journals. You can do it! Harvard citation style.

Experiment 3:

a) Show me R code for a correlation plot matrix for Fisher's iris data. Make the code small.

b) Comment and tidy this R code

c) can you do something similar with small code for a scatterplot matrix?

d) is there a way to do something similar adding histograms to the pairs plot?