Part 2 Homework 1

We use the penguins.csv data set.

Problem 1:

Import the penguin data set and calculate the correlation coefficient between culmen length and body-weight for **male** Adelie penguins.

Problem 2:

Calculate the average culmen length and body-weight for all three types of penguins.

Problem 3:

Calculate and display the regression line between flipper length and body-weight for Genko penguins (of either sex.)

Problem 4:

Use the decision tree algorithm in order to determine the species of a penguin based on measurements. Use a threshold of 5 penguins per set.