LAB 7 HELP:

Understanding Dummy Variables:

- CarbF is a factor or grouping variable
- CarbF1 is our base line to base for reference of other variables.
  - Model.matrix() creates a design matrix. Within this design matrix a row of all zeros means there is one carburetor because it is our reference/base line. A 1 under the F3 column means that the car has 3 carburetors and so forth.
    - Also note that our design matrix always has a first column of 1s for the intercept.
- These dummy variables can only take the numbers 0 or 1.
- The function dput() is used to extract information.
  - Dput[,-1] removes the first intercept column.

Task 1:

- Just a reminder: You need to check your OpenBUGS model before you can access the pretty print. You can do so by model -> specification -> check model. I also have posted a video from lab 5 going through this.

Task 2:

- You WILL have to edit the code given and remember to remove eval=FALSE so that your function runs in RMD.