1.- Create all the possible linear models with **2 variables** to predict the hp value using the mtcars data-set. Show the mean squared train error of each model and find the model with the lowest value.

Try to make your code as general as possible (avoid magic numbers) and try not to use any loops

The sample code supplied below might be of help

```
n_vars<-2
predictors<-c("disp","wt","cyl","qsec")
combinations<-combn(predictors,n_vars,simplify=FALSE)

print(combinations[[2]])     # Second predictor combination
print(combinations[[2]][1])  # first predictor of that combination
print(combinations[[2]][2])  # second predictor of that combination
```