

1.- Create all the possible linear models with one variable to predict the hp value using the mtcars data-set. Show the mean squared train error of each model

E.g. Get train error of sample model

```
mean( (predict(lm(hp~disp,mtcars))-mtcars$hp)^2 )  
mean(      lm(hp~disp,mtcars)$residuals^2      )
```