STAT 425 HW#Z TLANQI WU

Problem 4:

$$R^2 = \frac{FSS}{TSS} = \frac{TSS-RSS}{TSS}$$

Plug in D:

$$F = \frac{R^2}{1-R^2} \cdot \frac{n-P}{P-1}$$
 where  $\Lambda$  is # of observations.

Problem 6: