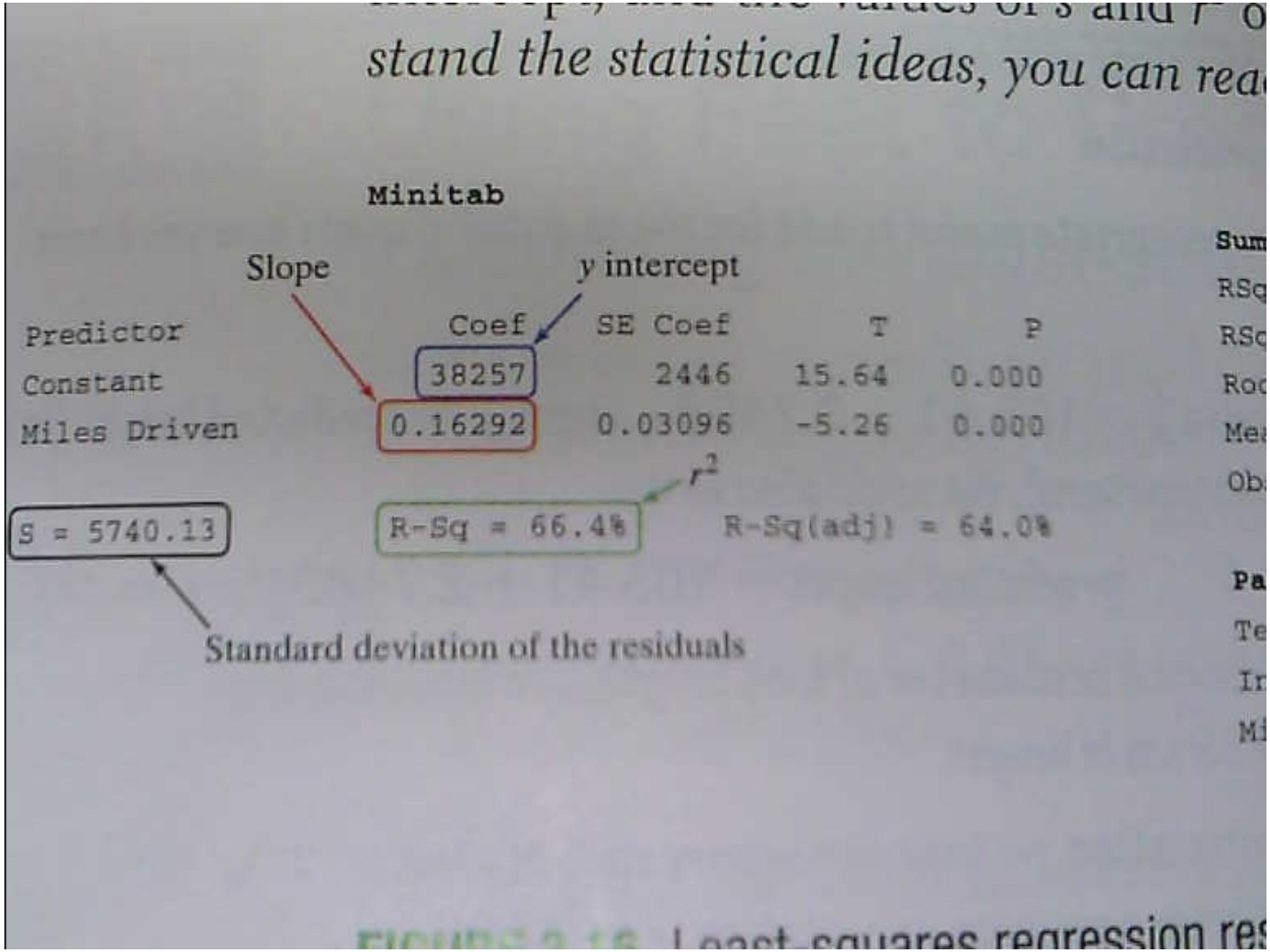
Good Morning Happy Monday!

Agneda:
-Turn in Set 2 Homework
-Schdule has been updated on class website, notes have also been posted.
-Quiz next period
-Warm UP

Information from a compute output:
Like excel(page 181 in book)



on both computer outputs. Once you under-
ou can read and work with almost any software output.

Summary of Fit

	JMP
RSquare	0.664248
RSquare Adj	0.640266
Root Mean Square Error	5740.131
Mean of Response	27833.69
Observations (or Sum Wgts)	16

r^2

Standard deviation of the residuals

Parameter Estimates

Term	Estimate	Std Error	t Ratio	Prob>|t|
Intercept	38257.135	2445.813	15.64	<.0001
Miles Driven	-0.162919	0.030956	-5.26	0.0001

y intercept

Slope

sion results for the Ford F-150 data from two statistical soft-
duces similar output.

Page 180 Points per game and number of games won

Predictor	Coef	SE Coef	T	P
Constant	-3.7506	1.4533	-2.581	0.027
Points	0.4372	0.052	8.399	0.000

S 1.235 R-Sq= 87.6% R-Sq(adj)= 86.3%

Based off information given:
Find and interpret, the LSRL(predictor line)
Solpe, Intercept and Coffecticent of Determination.

SUMMARY OUTPUT		
Regression Statistics		
Multiple R	0.935869	
R Square	0.875852	
Adjusted R Square	0.863437	
Standard Error	1.23531	
Observations	12	

	Coefficients	*andard Err*	*t Stat*	*P-value*
Intercept	-3.7506	1.453342	-2.58067	0.027385
points	0.437214	0.052053	8.399333	7.67E-06

Interpret Standard error: is the typical distance that the actaul values are from there expected or predicted values. This is always measured in untis of the response variable

Coefficent of determination:

"___% of the variation in [Response variable name] is accounted for by the linear model relating [response variable name] to [explanatory variable name]."

Shoud memorize this.