## Notes about Matlab Modelling Seminar

6	Mathematical modeling is the use of a natheratical to describe a
	Syltem or process.
	- Reversal was a state of the copy of the state of the st
	Dechricol Computing Workflow
	Inputs as bill andel = share
en de la companya de parte parte parte de la companya de la companya de la companya de la companya de la compa	we want to getorise this process, streamline it ityor will.
	to no with the set of the last
•	Modelling wethod
asier than	- Puraretric Modelling - Used Wen relationship is town between
oding in	Some things (ie. a lived rodel fits the category).
Juta.	3 - Many ways to import datas but I know this from my on his clusis
J.W.1	Importing wing the (import data button) will take it easy to
	edit mising #'s, variables, etc.
	>> + - can also ruke graphs Interestillely w/ the plots tab.
Nts of Li	- your getting and cleaning data class will be extremely useful.
Busier than	- by thing is that when ving interestive tools to rake nice plots,
ading plots	Matlabuil Write the code to generate it for w wing
	File -> genore code,
	, 094   244   789   7 1 1 1 1 1 2 1 1 2 1
	- Curve fifting app will make linear or parametric model for us
	- Curve fifting upp will mke linear or parametric models for us (like Im in R), R2 = 1 is perfect fit for Inex and data.
	To create a rodel, if we use the generate code button, neget
	a function that ready data to unquer our greations,
	- Live scripty are super yeful for this, & Like Rm's.

Black Box rodelling - Wedshen we don't have a known relationship between in put & out put. - Regression Learner is the app to use for this. Bringthe dute in then you can be gir working a Remove any unaccessing detailse - First Principles Modelling - not reliant on data, yed when no duta is lad and is pased on the land of physics or other worldly known properties. - con do symbolic nothin mother, ie, re con pryrom Newton's 2rd law sty to model 4 produlown. - Seems like this is more for engineers, but still super cool. - seems were difficult, just reeds practice. - relies on knowing Low to code symbolic mathin here. the scripts can be exported into a pole or html format, just like rigo.