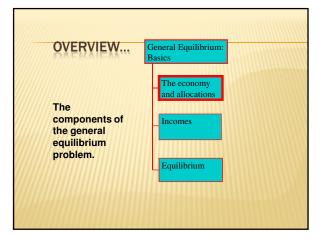
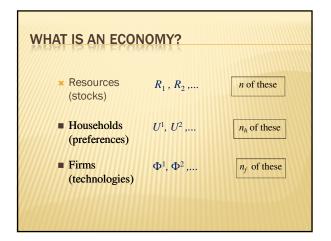


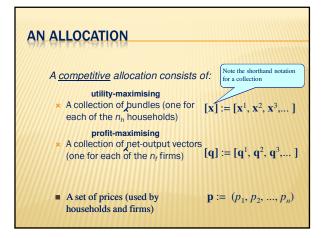
ONWARD FROM CRUSOE...

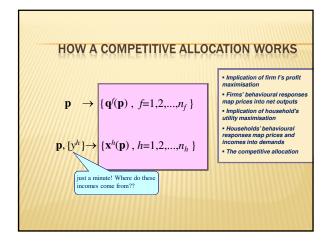
- × This is where we generalise the Crusoe model.
- We need a model that will incorporate:
 + Many actors in the economy...
 + ...and the possibility of their interaction.
 - + The endogenisation of prices in the economy. But what do we mean by an "economy"...?
- But what do we mean by an economy
- We need this in order to give meaning to "equilibrium"

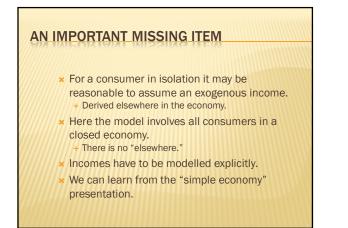


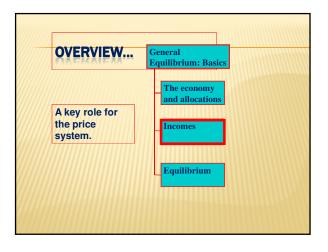
THE COMPONENTS* At a guess we can model the economy in terms of: Resources People Firms * Specifically the model is based on assumptions about: Resource stocks Preferences Technology * (In addition - for later - we will need a description of the rules of the game)





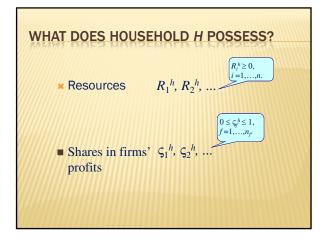


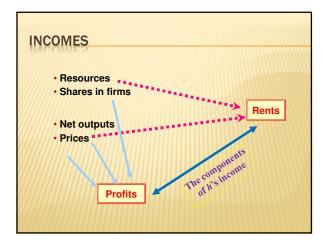


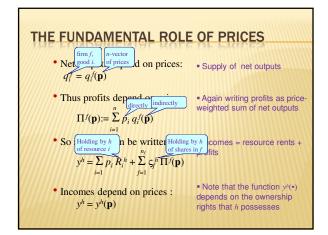


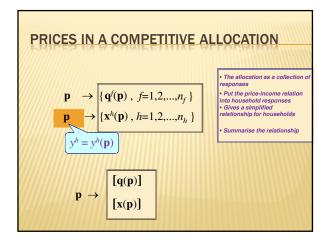
MODELLING INCOME

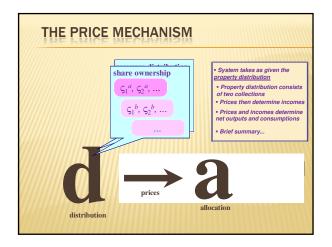
- × What can Crusoe teach us?
- Consider where his "income" came from
 + Ownership rights of everything on the island
- But here we have many persons and many firms.
 + So we need to proceed carefully.
 + We need to assume a system of ownership rights.

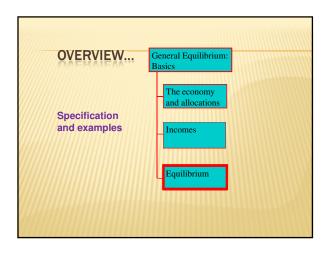


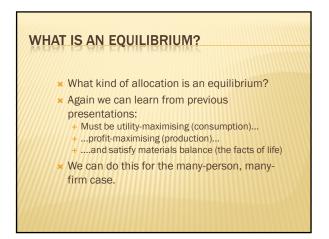


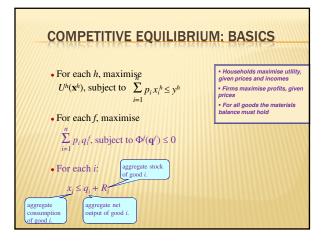


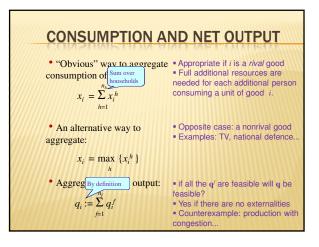












TO MAKE LIFE SIMPLE:

- × Assume incomes are determined privately.
- × All goods are "rival" commodities.
- × There are no externalities.

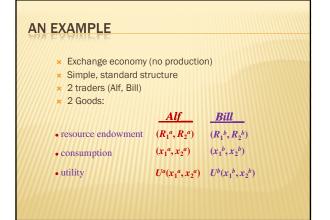
COMPETITIVE EQUILIBRIUM: SUMMARY

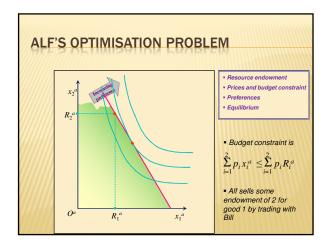
• It must be a competitive allocation

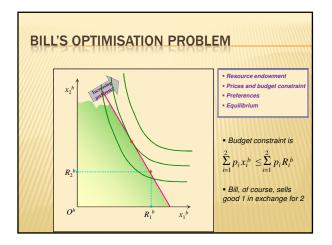
• The materials balance condition must hold

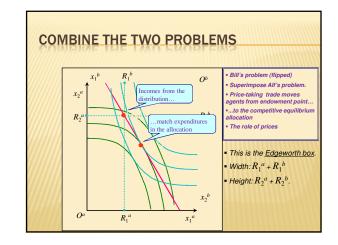
A set of prices p
Everyone maximises at those prices p

• Demand cannot exceed supply: $x \le q + R$









ALF AND BILL AS A MICROCOSM

- The Crusoe equilibrium story translates to a many-person economy.
- * Role of prices in allocations and equilibrium is crucial.
- Equilibrium depends on distribution of endowments.
- Main features are in the model of Alf and Bill.
- But, why do these guys just accept the going prices...?
- See <u>General Equilibrium: Price-Taking</u>.