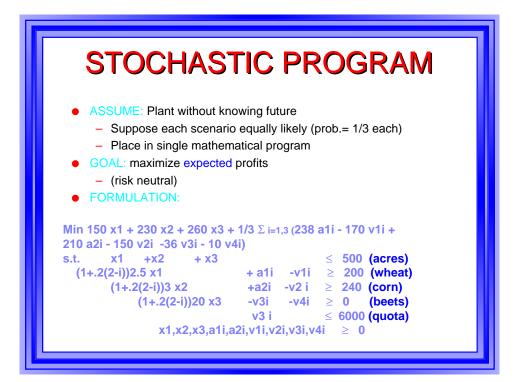
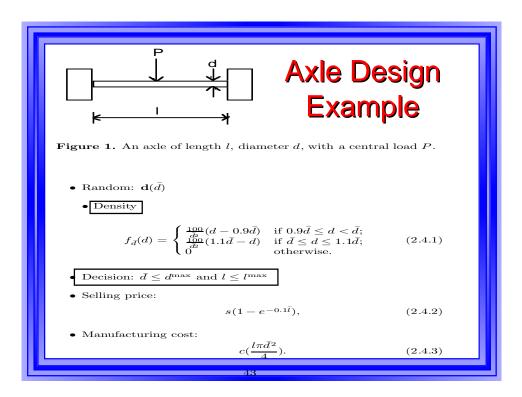
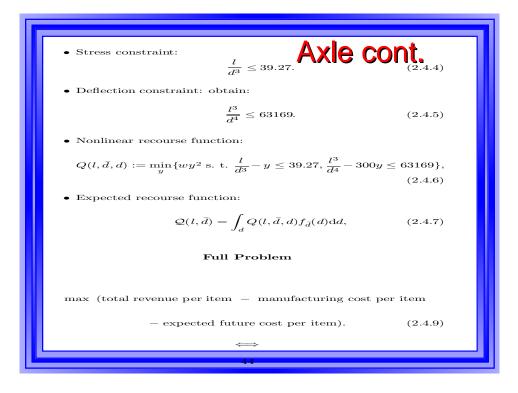
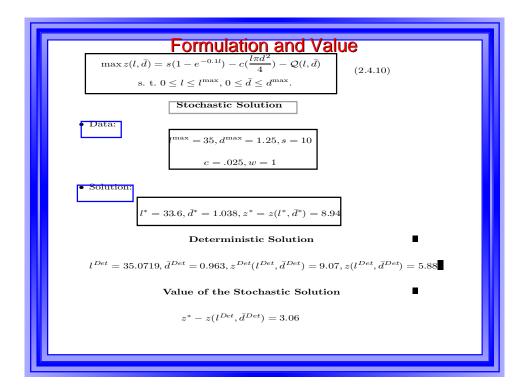


Scenario Solutions			
 Random Factor: Weather Yield variations: +/- Scenario Approach 	ume +20% CORN 67 240 son	BEETS 250 6000	
SOLUTION: WHEAT ACRES (xi)= 100 YIELD = 200 PROFiT= \$59,950 per seas	CORN 25 60 son	BEETS 375 6000	



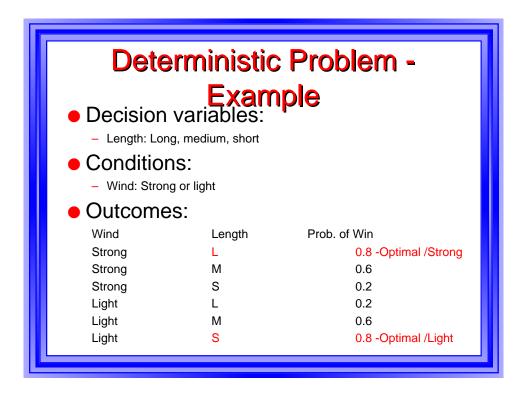


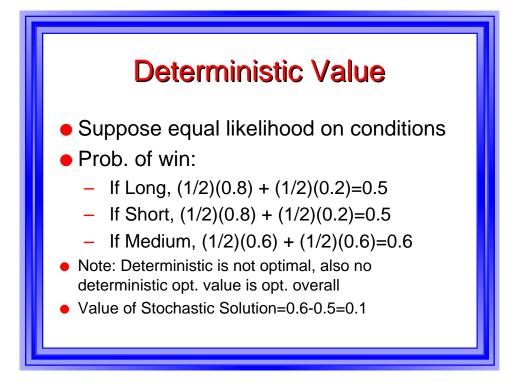


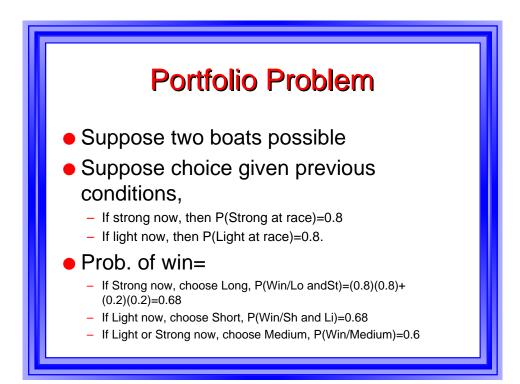


Example for Yacht Design

- Yacht velocity prediction program A. Philpott
 - Determines velocity based on input parameters
 - Can be optimized for various conditions
 - Includes design parameters
 - Stochastic variables
 - Wind velocity
 - Angle to wind
 - Hydrodynamic resistance







Portfolio Observations

- Portfolio allows:
 - Increased prob. of win
 - Use of learning about uncertainty
 - Partial hedging
- Note: Change in solution structure
- Difficulties in probability evaluation and integration with yacht design problem

