**Assignment 06**

Design a counter(up/down) for first 4 odd numbers(binary).

Requirement:

State Diagram  
Next-State Table  
Flip-Flop Transition Table  
Karnaugh Maps  
Logic Expressions for Flip-Flop Inputs  
Counter Implementation (Circuit)

Hints: Get Help from figure 9-22 and 9-26...9-28