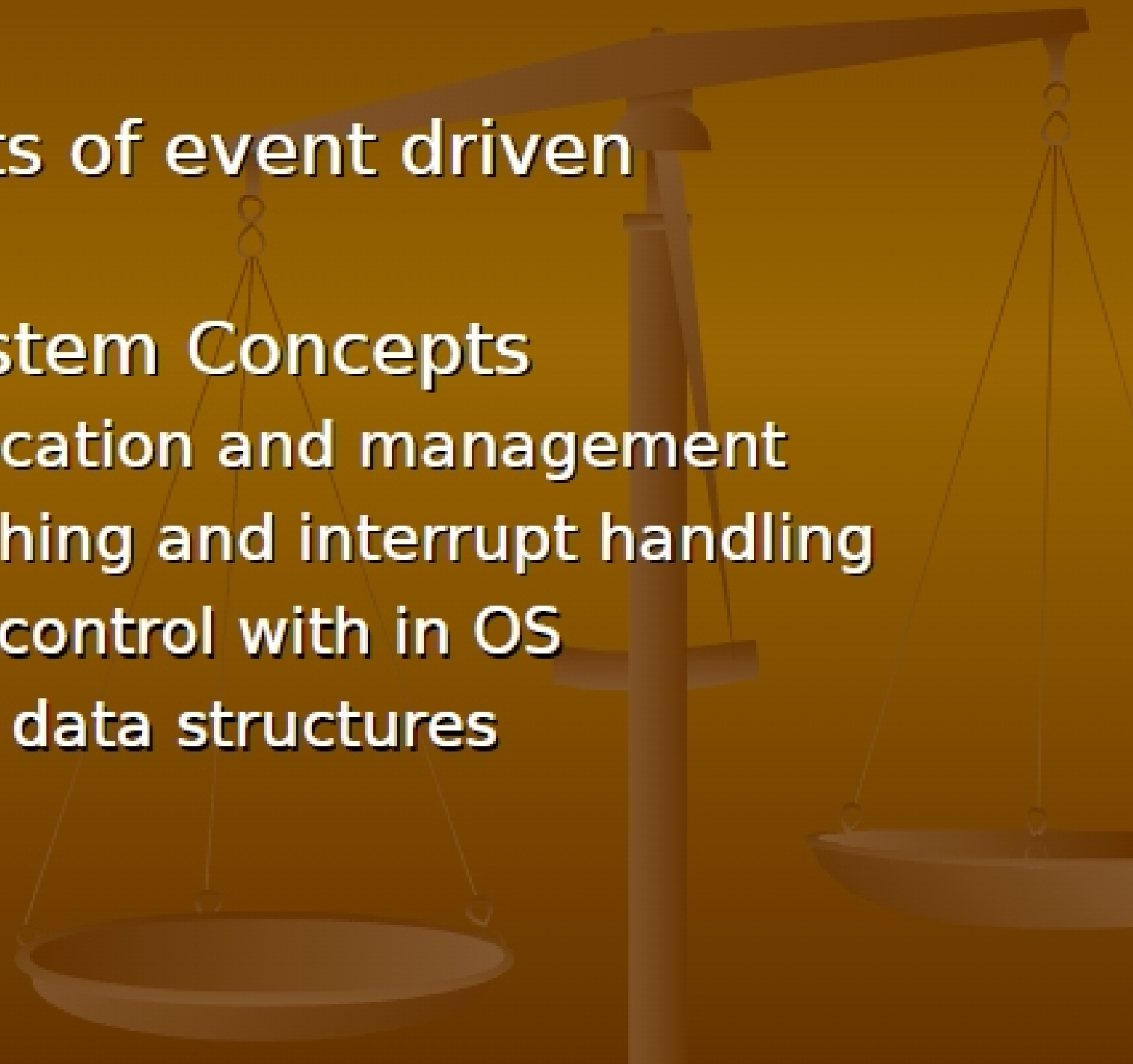


Operating System Simulator Project

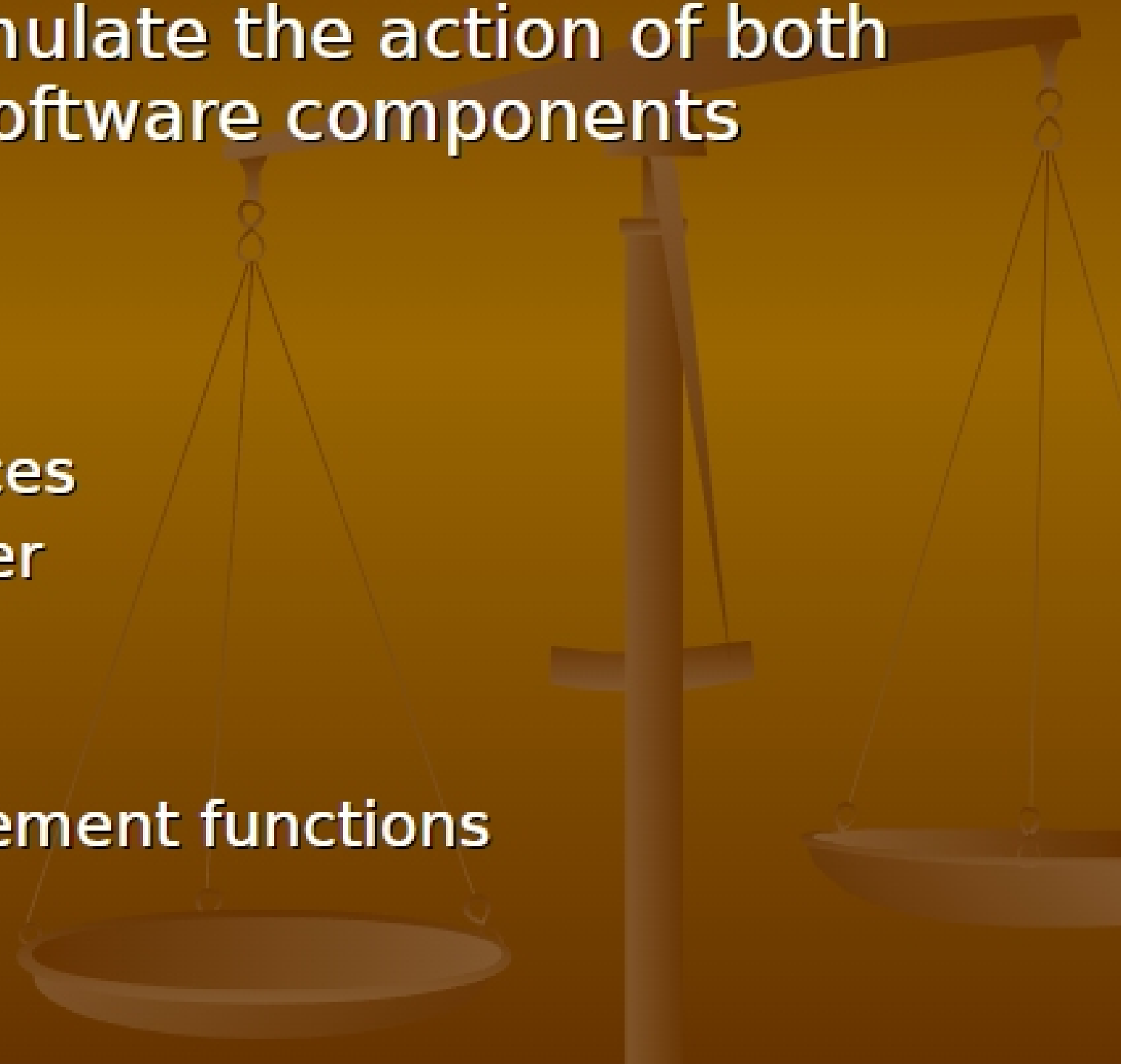
■ Purpose

- Basic concepts of event driven simulation
- Operating System Concepts
 - Resource allocation and management
 - context switching and interrupt handling
 - Basic flow of control within OS
 - Fundamental data structures



Operating System Simulator Project

- Program will simulate the action of both hardware and software components
- Hardware
 - CPU
 - Memory
 - Peripheral devices
 - Interrupt Handler
- Software
 - CPU scheduler
 - Process management functions



Operating System Simulator Project

- Input files
 - System configuration File
 - CONFIG.DAT
 - User logon File
 - LOGON.DAT
 - Process File
 - SCRIPT.DAT
 - Program files
 - EDITOR.DAT
 - PRINT.DAT
 - COMPILER.DAT
 - LINKER.DAT

