Chapler # OS Explain Building Modeling! The use of analysis madel is to provide a description of the required informational functional and behavioural domains for a compiler-based system. The analysis model and the methods that and used to build it are discussed below => Elements of the There are many different ways to look at the requirements ofor a compiler-based system. Some software people vigue that it is best to select one mes representation. Other developers believes that worthwhile to use a number different modes of representation depuit the requirments model.

	Common Elements in Requirements Model
	is Scenario-Based Elements: The system is
A CONTROL OF THE PROPERTY OF THE PROPERTY AND ADDRESS.	is Scenario-Based Elements: The system is described from the user's point of view using a scenario-based approach. This often element is often the first
	described from the user's point of
	view using a scenario-vasa
Control State Co	approach. This often element is often the first part of the model that is developed for they serve as input for the creation of other modeling elements.
	part of the model that is developed
grades for the second s	As they serve as input for the
	Creation V of other
	(13) Class-Based Elements. Fach usage Scenario
	in Class-Based Flements. Each usage Scenario implies a set of object that are manipulated as an actor interacts manipulated as an actor interacts
	manipulated as an actor interacts
	with the system. These offers and
	I things that have similar attributes
	manipulated as an action with the system. These objects are with the system. These objects are categorized into classes - a collection of things that have similar attributes and common behaviours.
and the second distance of the second distanc	Les Bahanioural Elements.
CONTRACTOR OF THE CONTRACTOR OF THE	(a) Deraviour he behaviour
	The behaviors By a compuler-based system Can have a profound effect on the design that is chosen and the implementation approach that is
the face of the special standards as	Og I as the design that
	especial and the
	implementation approach their p
	implementation approach theil is applied. Therefore, the regularments model must provide modelling elements
	modelling eren

theil depoit behaviour (in) Flow. Oriented Elements: Information is transformed as it flows through a computer-based system. The gyste computer-based system. The system accepts input in a variety of Jorns applies finitions to transform it, and produces output in a variety of Jorns.

Input may be a control signal, a series of numbers typed by an loperator, a parket of information transmitted over a network. The Transform (S) mey consist of single logical comparison, an algorithm.

The output may light a single LED by produce a 200-page report. We can creete the Jilon model for any computer boused system regardless of size and other complexithes.

Analysis Patterns Anyone who has done requirments engineering on more than a few software projects to notice that certain problems receive all projects within a specific application domaino Analysis patterns are integrated into the analysis model by reference to the pattern names. They are also stored in a respiratory so that requirements engineering can use search facilities to I and and apply them.