Orientod Programming Object Obj2 (Obj3) Obj; Solve Problem is a method + Organized Objects To solve a problem. 其 System Complex Jub System dada

\* subsect

- Real world (thing 1 Object and touched. A set or codegory of Class (things) 1 Abstraction - Classify Things into Heart Enecopsulation 900th Viewer (Hinesha) Human 野 Modes Devange Viewer (A Lion) Hanesha doesn't see your heart, brain. Seperately. That's my dinner. (The Estithmenta extrage bysatha.com (Abstraction to the perspective relates hiding your complexity

## Abstraction

Distinguish between different Objects

Classify Objects into Concepts, Classes

Focus on the common proparties,

and classify em.

O Pre Dest

Abstraction)

is a process:

removing characteristics from "Something

ebject in order to reduce it to set of essential characteristics.

mo't setted s

Abstraction denote

essential characteristics of an object.

Provide crisply defined conceptual boundary

Relative to the perspective of the viewer.

in ooc post-onted 3 > [ A mould (C/055) once we make a mould we can make many objects. Froduct x Assembling Problem (plan) do solve PROVOLU > Identity Objects that are needed 7 Polentity Classes through a brasathningu Rottage - bysatha.com

Create objects La from classes Assemble 90000 captoir America (Final Product) Restricted Access. All properties and some functions of a Class have restricted access (Private) and cab can be accessed only through public functions. Softer Softer public: getter gales person Consomer

## 1 Information Hiding

> Hide certain information or implementation decision that are indernal to the encapsulation structure (class)

> The only way to access an object is through its public interface (Public fivedion)

public - anyone can access private - no one æxkept

This is the class can see just a hiding the [private:]

Ot doesn't class

define how

To Expose recevery

Parts to one

parts to one

WAN!

over. This up to the public function

This part refers to the Goldanned ABS ath Rod Rott & By Sanha.com

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(A)	Encapsulatio	n	- MANAGE	
7	It is the pattributes ar	rocess of	grouping	relates
		C3 2 (1919)	- Congression	3
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	Interface	ation:	466	4
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100	Interface -	> Public		1
	· and - spa	Where	wers cont	rel

Sathnindu Kottage - bysatha.com

(A) Encoperlotion Summary Abstraction: or pose tre expose only necessary information to users Cos a result the asmplacity will be hidden) Encapsulation: packaging) Hiding the complexity
by combining variables + method as a one unit. Ordertace: That one unit gives

wers on interface to

interact (access). Prformation: As inderface is the Hidrag public thing Like the easther Hideral Lings in a restaurant Kitchen & is the hidden port. (no access to the Customers), servands will 112000 Communic Stathning Kottage - bysatha.com