Chapter 7: Object-Oriented Design

- · How to approach
 - Step 1: Handle Ambiguity
 - · Often intentionally vague in order to test whether you'll make assumptions Or it you'll ask clarifying questions.
 - · Inquire who is going to use it and how they are going to use it.
 - · Depending on the question you might

 want to ask the "six w"; who, what, where,

 when, how, why.
 - Step 2: Define the Core Objects
 - order, Meal, Employee, Server, Host
 - Step 3: Analyze Relationships
 - · Which objects are members of which other objects?
 - . Do any objects inherit from any other?
 - · Are relationships many to-many or one-to-many

	- Step 4: Investigate Actions
	0 000 730 Of WOH!
	· Design Patterns
3.5	- Mostly beyond the scope of an interview
	The state of the s
6	- Singleton and Factory Method design Potterns
	are widely used in interviews though.
	ing all and of police of the property.
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	· Singleton Class
4	is in serior and extend on the minute
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	instance and ensures access to the
	instance through the application
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	- Useful in cases where we have a "calala"
	Object with exactly one instance,
	Contact the total proper some inches
	· Factory Method New 25 Vant 18 9913-
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	- Class with 1to soldies care de vidina
	to instantiate
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