Interitance Polymorphism Abstraction Encapsolation

	Encapsulation
Chapter 3 Objects 3. Classes	,
information hiding - keeping to object.	hings "hiden" inside of an
object.	J
- genericly writing code helps	for reuse with any type.
- interitance allows for extending the code.	
- genericly writing code helps for verse with any type. - inheritance allows for extending the code. - Polymorphism allows for implementations of classes with shared logic	
Class	
for fields (data) Public	
4 waster front Private	
methods (functions) Protected	
Javadoc 188	"The importance of proper
@author desc # Pescription	documentation of classes
@ puran x desc A +	Can never be overstated"
1 throws e des	
e return des c	
Constructors Public Classic - new Class [7] Public Class) Zero param constructor
- new Class (1,2) & Public Class ((intajut6) - used to initializate
- new Class (1,2)	object
- Can be more than 1	- detaults used it
-	- defaults used if not specifies
Accesors (vettoss)	Mutators (nethols) - changes the objects state
Accessors (nethols) -Does not alter state	- changes the objects state
-6: 1	-6. 1
- Single version -> get state	- Single version & set State
t Ctris ()	80
to String	equals
- Creates String = Can be overiden	checks for equality by value of objects
Marca Latina	of objects
e resentation	

Chapter 3 - aliasing can occur when an objects reference is used on this - reference to arrent object - works of shorthand for Check: Constructor transfer (Account a) if (a == this) instanceof -fulse if null Static & Static mentors - true if this is instance of notstatic - instance mensor Static fields 3 methods - Static final PI = 3.14; - Integar .parseInt () - Math. round () - If static wasnit used each object would have copy of PF - called without instance - Can be used to sync data between objects Static Initializers - vscl when initialization Should happen once Static int [] = 120 int [5]; - must follow field initializer - used to organize code - ClassPorth set search Liv - classes in separate classes have more restrictions. - Used to import package import java. Util. 4;