Abstraction =) Abstraction means hiding internal details and showing only the essential features of an object. It hers us focus on what an object does, not how it 2005 ti It is achieved through -; (i) Abstract Class Interfaces (11) Abstract Class An abstract class and is a class that Cannot be be extended (inherited) by other classes. uses abstract Keyword in cross. can have -Fields (variables) Constructors de la company de Static & Aral methods Abstract and concrete methods, 8 (1)

W Defining an Abstract Clouds Page No. abstract class Classwamer 11 Fields (Variables)
11 Constructors (s) 11 Concrete memod (with body)

Void regularmented (16

Od (1 Code (l'Abstract method (no body); Il must be overriden abstract void abstract Method (); I by child class 11) Extending on Abstract Class Class Subclass extends Class Name of Most overnide all abstract methods (a) overide void abstract Method () (11 imile mentation 29

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	Page No.
(110)	Rules of Abstract classes in Java
7.	Must use abstract keyword in Class definition,
2.	Allowed access modifiers > public, protected, or defaut + (cas)
	not allowed > Counnot be Private or fing (Class)
3.	Can have o or more abstract methods.
	Can have concrete memods with full implementation.
5.	can delane fields (variables).
6.	Can have constructors (executed during subclass, creation).
7	Can have constructors (executed during subclass, creation). XX Cannot be in Stantiated using new (while obj. creation) Subclasses must overribe in or be delared abstract.
8.	Subcours must overnise it or be deland abover.
9-	Abstract remods -
	(i) must use abstract key card
	(1) XX Council be private, Static, or final
	(") XX Cannot have so dy,
To.	Can extend another abstract or concrete clase.
(25)	Advance Concepts
(is	
1.	Con Contain a main () method
2.	Can Contain static methods and static blocks.
3.	can declare that constant
4.	Abstract methods can be public protected addition
VX 5.	Abstract methods can be public protected for defaut XX Astract methods Cannot be private, static
	(examples) Grithub's Property
	(Examples -) Grithub's Practice Poteer.
	Porcer.