

01 (). 01 1.	
01- Creating Objects 5 ClassName var = new ClassName	1).
→ Notes:	() <sub>j</sub>
· accessing fields: obj Name, field Name; (instance, public field)  **Setting two objects equal merges them*	
02 - Constructors	
4 You usually overload them	Overwrite
> public Obj Name(~~)	override
public Fraction (int n, int d)	overload
02 - Instance Methods	public return Type nane(n);
4 no static, has this	
> primitive types are passed in by a pobjects as parameters are passed > In Client:	in by reference.
obj Name. function Name(~);	
05 - Class Methods	public static ceturiType name(m
4 has static	
-> In Client:	
class Name, function Name(m)	
04- Hiding Information *> public	
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04- Hiding Information  * > public  fields are public by default  * > private	
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04- Hiding Information  * > public  fields are public by default  * > private	ain access to VALUES from private fiel

04- Class Fields & Constants 1> instance field: private type name > class field o public static type name;
public static final type NAME; //constant

\*\* There is only A SINGLE COPY OF THE CLASS FIELD regardless
of how many objects are created\*\* · usage: Chass Name, field Name; 05- Displaying & Comparing Objects
4> When comparing two objects using == , their references are compared. Unless obj1 = obj2, obj1 = obj2 will return false.

> To compare values, override equals()

> To use print or println, toString() needs to be implemented.

> print & println call the toString() to print objs if the for exists.

Sotherwise, memory address is printed. Overrides: equals() & toString() overwrite-new val completely original, just changes for class overload-some name, diff parameters Public/pinate (Static) (Ginal) [type][name] public class Name (m)
public ceturn Type name (m)
public Static return Type name (m) constructor instance