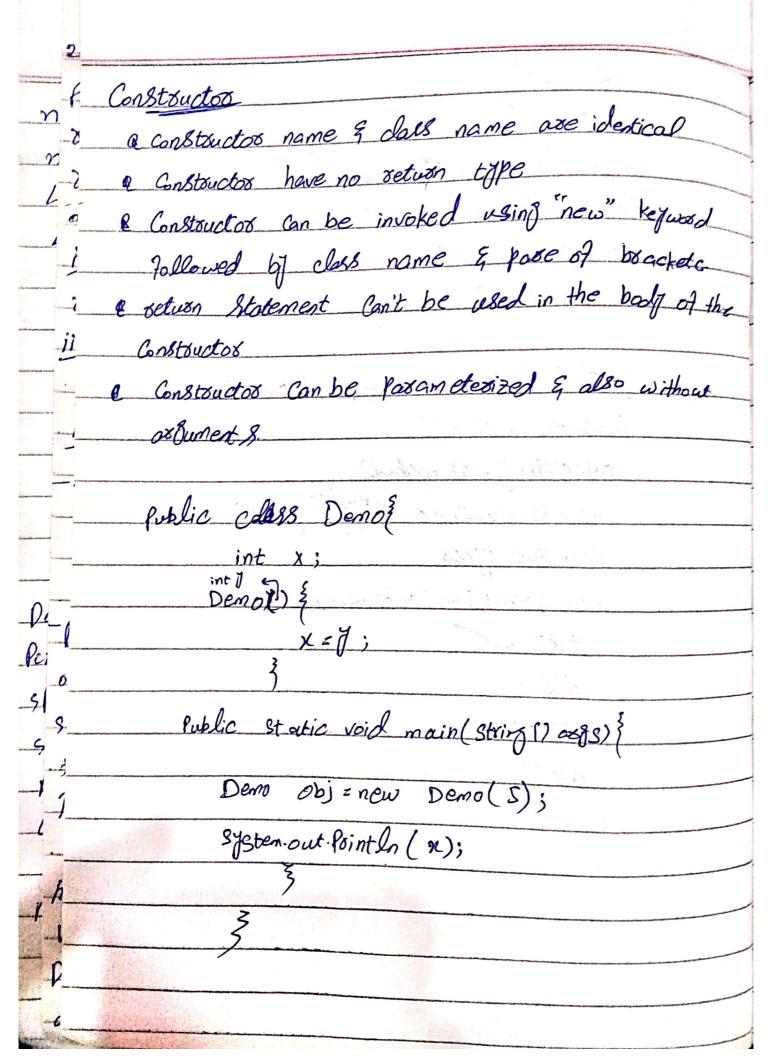
object / sociable/attributes/fields. Methods/ functions Constauctor modified~ Jetes & Setes (encapsulation) Instance vooicable overlating. of methods. access modifies (Poblic premitive yyes non-younitive/rejevence Static

this

format.

A8697 (week 4)



- 2
1
- :

	entities. A typical java Program coentes many
	objects, which as Jou know, intract by
, ,	invoking method.
	vasiable/attoibute/field.
#	An attribute is another team for a field.
*	if's typically a public constant or a
	Public variable that can be accessed
	directly. In this
	Public class main &
	int age;
	String name;
<u> </u>	age, names are attributes
	Method8:
	A method is a way to pestoom some
ray i	task. Simplify, the method in java is a
	Collection of instruction that peoposm a
	Specific task. it provides a sensability
	of lode we can also easily modify cade
4.4	using methods.

	Public - The method is accessible by all
	classes when we use public specifies in
	oux application.
2	Psivate > When we use a pointe access specifies,
79.47	the method is accessible only the class in
	which if 18 defined.
3	Protected when we use protected access
	modifies, the method is accessible within
	the Same package or Subclasses in a different
	Packaje.
(4)	Défault-juhen we do not use any access
	specifies in the method decalaration, save
	uses défault access modifier by défault.
	it is visible only Joom the Same Yackage
	only
-	Return type.
	Return type is a data type that the
	method setwork it may have primitive data
INC.	type, object, Callection, void etc. 19 the
	method does not between anything, we use
	void kejwood.
	Vova Regional.

<del>_</del>	method Name:
Die 1	it is unique name that is used to deline
	the name of a method. Suppose, it we are
	created a method to substraction of two
	numbers, the method name must be Subtraction ().
	A method is invoked by its name.
=>	Paxametex list
	it is the list of pasameter seperated by
	Comma & enclosed in a paid of Paxentheses
	it Gods Contains the data type & vaxiable
1 a - 2	name. if the method has no pasametes, left
	the parantheses blank
->	Method body
	it is a post of method decolation. it
	Consists all the oractions to be performed
	it is enclosed within a pair of custy bosces
	Types of methods:
	0 12 1
(y)	Poe-defined method
_(b)	uses-defined method.

	Pre-defined method => In Jeva Pre-defined	
	methods are the method that is already	
	defined in a java library is known as	
	foedefined methods. it is also known as	
	Standard library method or built-in method.	
	we can directly use those methods just	
	by colling then in the Porgoam at and	
Standard Sta	point some pre-defined methods are lengther	
Management and a second	exuals(), ComposeTO(), SV8+() etc.	Secure of the second
inspecial por the 42 months		Old at the second
( <del>2</del> )	Usez-defined method.	The state of the s
44.	The method written by the uses or programmer	
76	is known as a uses-defined method. These	
	methods are modified according to the sequirement.	
	Public Static void find Buen Odd (int num)	i i
ing.	3 i7(num %02=20)	
	37Stem.out Println(num + "is even");	
	else	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3)Sten-out Println (num + "odd");	
	3	
NA-		
CAN A STATE OF THE		-

	Static method:	Security Spinster, Spinste
	A method that has Static ketwood is	
	known as static method. In other words,	
	a method that belongs to a class sathes	
	than an instance of class is known as a	
	Static method. we can also execute a static	
4	method by using the keyword static belove	0
	the method name.	
	The main advantage of Static method is that	,
	we call it without coeating an object	
	Public class Display	,
	Public Static void main (String () augs)	
	3	
	( Show();	
	Static void show()	
	E Show()	
	System.out.fointln("");	
	3	
	}	

-	
	Instance method:
	The method of the class is known as
	instance method it is non-static method
	defined in the class before calling or
	invoking the instance method, it is necessary
	to execte object of it's class.
	Encopsulation.
	Encapsulation in java is a process of
	aroupping code & data together into a
	Signal unit for example a capsule which
	is mixed of Several medicines we can
	coeate a gull j encapsulated class, n
	java by making all the data members
	of a class private.
	Settes & Jetter
	Public class Person?
	Poivale String name;
4	Public String Betwarne () }
	setusn name; }
	Public void Set Name (Stoins now Name) }
	this name = new Name; 3
and the second second second second	

\$	The get method return the value of	
	vasiable name	
P	The set method takes a pasameter new Name	
	and assigns it to the name vaxiable. The	
	this kellwood is used to refer the current	
	object.	
-		
	Premetive tipes: int, byte, Short, long, Floor	
	double, boolean & chax	
	non-Benitive: String, axray, class, object	
	intestace	
	Instance variable:-	
	instance sociable in java are non-static	
	rasiables which are defined in a class	
	out side any method, Constructor or ablace	
	Bach instantiated object of a class	
	has a separate copy or instance	
	of that vasique An instance of	
	vasiable belongs to a class.	
Markey Str		