Functions Methods

Date Page No.

	C. Madrier Commence
1	A method in gava is a named block of cade designed to perform
1	a coecific task. you while a method once and can reuce it muntiple
1	times in your program. Methods help in organizing code and awiding repetition.
1	repetition.
1	
	Synta X:
1	Synta X:
	access_modifier non-access_modifier return-type memor_none(parameter_list)
	11 method body
	return statement; llong if return-type is monot void
	2
	The second of the second state of the second
1	and a continual

Component of a Method - Explained.

Part	Description
access_modifier	Controls where the method is accessible (e-g. public)
	0-1-10 0-100 11
non-access modifier	mailing (stanckhold by appliant)
return type	Type of data the methods returns (g. int, void, String)
method_name	A descriptive name (camelax is the Convention)
govometer_1ist	Enput values passed to the method, withen as type-name pairs (gr, int a string name) pairs (gr, int a string name)
	The Code brock that runs when the method
method body	
	Sonds back a value lusted only if roturn - type
Jeturn garement	-is not void)

	Manatype w)—is used to many paratemprs. Any character with 3 dats) Page No.
2	. Method with Donamotors of No Roturn Value.
+	Syntax:
1	Vois methodware (type 1 parm 1, type 2 farams,){ // Use parameters to perform a task.
1	Co Carding Hors 10 heriosis (1.2)
1	Giplang Artion:
	(i) Panes injut using parameters.
	(i) Pances injut using parameters. (ii) Returns nothing (Poid).
	(11) useful when you want to perform a task bases on inputs, but
	don't need to restorn anything.
131	Method with Noparameters & Return varue
	C. by
	returnType methodhame () {
-	return value; Il value must make returnType
-	2
1	Explanatation:
1	ril Gakes no Infor
1	(1) Takes no info (1) Returns a single value (like int, String, etc). (11) Returns a single value (like int, String, etc). (11) Used when you want to cakolate or fetch something without valuining user input.
1	(u) Used when you want to write or tetch something
1	without requiring
1	

4.	Method with pavameters & Return Value
	Sundan'
	returnType methodname (types params, types params,) &
	11 use parameters
	return Value;
	3
	Explanatation:
	(i) Takes input using parameters.
	(11) Keturns a single value based on the inputs.
	(m) This is the most powerful and commonly used
	method Type.
	Marhod overloading
	11(0) 500
7	It means define multiple methods with the same name in the same
	cross, but with different garameters (type, number, or order)
	Synfax: I void show () f &
	main [S void show (into a) & 3
	Wait the Co
13.00	overword Void show (into, string name) { } Void show (string name, int a) { } Use ases:
	int of 3 110 ifferent
	uce ases:
	takeh une i
	when you want to gerform a similar operation but handle different types or numbers of inpute
	handle different types or numbers of inputs.