(A) Pice (S)	Methods
ALIA POR PORTO	The second of th
	Function / Methods (in JAVA):
	A method is block of code which only runs when
	it is called.
	to reuse code: define the code once and use it many
	times.
	syntax return type
	return uppe
	public class Demo f name of metrod
	static void my Method () {  // code
	anguage // icode at any pur chandles !
	3
	Department of the state of
V).9	the tipe of the state of the st
	Return Type
	of recturn statement causes the program flow
t i	to transfer back to caller of the melhod.
,	CATERIA PARTICIPATO DE LA CONTRA DEL CONTRA DE LA CONTRA DEL CONTRA DE LA CONTRA DEL CONTRA DE LA CONTRA DEL CONTRA DE LA CONTRA DEL CONTRA DE LA CO
, di	reger states that there is a street set in
	Pass by Value
	main () f object value
	name = "at";
	greet (name); name
	navari I
	estatic vioid greet (naam) {
	print (noan);
	3
E	eliment is the first of a main a singinal.
	inside func. it will so object just creating new
	inside func. it will so object just creating new change original value object
	ununge ariginal value abject

	Points to viemember
	primitive data type like int, short, char, byte, etc.
- 1, kg	> just pass value
57	
2,	object & reference:
	passing value of reference value variable.
	8g-1 psvm() €
fyl.	$a = 10$ ; $a \rightarrow 10$
10 y 10 y	b = 20; b > 20
	swap (a, b);
LV 9t	where to guidally the land of the same
	swap (num1, num2) {
P 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	temp = num1; temp -> 10 at jn
	num = num 2; num 1 -> 20 scope they
	num 2 = temp; num 2 -> 10 ] are swapped.
Jak te d	hunger Bald on drike
Billion pa	of the area base doubt at
	Eg-2
	$ave \Longrightarrow [1,2,3,4,5]$
- 1000	nums
, , , , , , , , , , , , , , , , , , , ,	num [0] = 99. [now value of our position will
	Change in arr & nums too]
1 1 2 20 10	

Scopes

block ecope:

psvm () {

int a = 10;

int b = 20;

int c = 10;

a = 50;

ma = 5;

loop scope.

int a = 5, X

Shadowing in JAVA is the practice of using variable in overlapping scopes with same name where the variable in low level ecope overrides the variable of high level scope. Hence variable at high level scope is shadowed by low level scope variable static int n= 90; public class shadowing & static int x = 90; soph (x); x = 50; If there high level scope is soph (x); shadowed by low level scope. <u>Variable dryument</u>: <u>Variable</u> argument is used to take a variable number of argument. A method met that take variable number of argument is called variang methored Syntax estatic void jun (int ... a) {