functions/ methods ? Block of code which only runs when (class fu) it is called. "Reuse code - define code once, use it many times. Syntais - definition of the public class main { function name senture type Static void functionex.() { (null) } 08 public class Main { acuss modifier returntyge methodname() { return statement; " call fu - methodnome (); COLEUDOCCU TOPE - DOCCOCO SE Returnitype - used for returning the resculted value - void (nul value) - returning data must be compatible with return type specified by function - variable receiving value setuened by fy must be compatible with setuen function parameters - Argument/parameters are variable/ literals specified in functions.

ge public class éxample {
public statue void main(string[] args){ String mame = " Islika";
object (name)
Zaruri nali Same upy of value of name passed to definition Static void greet (Stringmaam) ?

System.out printly (naam); variable/parameter to ** No Pass by reference in java, only pass by value * You cannot modify Strings, they are immutable. * primitive data types just pass value of reference variable non-primitive data types Scope: fu scope-variables declared preated inside a fur cavit be accessed outside mosey. : Block Scope - public svm () { int a = 10; I variables outside the block can be updated inside the box. If int a = 5) I outside block cannot be updated

a = 100', I inside block variables

int c = 2'0', I cannot updated outside

lc = 10', I variable inside block can be

a = 80', 3 reinitialized outside the block

cop scope - variables declared inside loop are having Shadousing? using variables in overlapping scopes with same name where the variable in low-level scope oversides the variable in high-but variable at high-level is shadowed by low-level soope variable. -> Variable Arguments (Valaigs) = to imput number of args/palang Syutax static void feer (int 9) {

of // method body

? Ambiguitus: Issues not defined clearly in Java language. f. psvm (---) { tun (0:2, 6:3, ... "Bhita", "Ishan"), This should be impusted according to definition sequence only. void foun (inta, int b, 'ast string ... v) { - function overloders or Two functions have same name but different types & number of parameters. Et devides at comple time, which fu should be run. g. fun(inta) { // wde } fun (inta, intb, string c) } {

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