Remove Watermark Wondershare PDFelement

CMP 202

INITRO MOTE

200222 2ND SEMESTER

	COUPISE OUTLINE
1	JAVA BASICS [variables, functions, conditional stribements
1	CLASSES & OBJECTS
3	OOP Paradigms (Inheritance, Polymorphism, Encapsulation)
4	Method Overloading, Method Overiding and Constructors
	Usen I AITEMPACES - Using Java Sunny, Library, S. O. L. I.
6	Soli 1 Priheiples
7	Conorics & Collection [Arrays, Array List, Hashnings]
8	File I/O We that the Mall of the property of the File I/O When the many that the man
9	Threads of Man Andrew A.
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INTHODUCTION

One of the reason we use OUP and not procedural Pin -moning is because of we "Do Not want to Broggent".
- iselves" - DRY (Don't Præpent Yourself).

What is a Function?

A function is a block of codes that perform a specific

What is a Mobbod? A Mathod is a Finetion but within a class (note)

What you need to know about JAVA!

"LAVA we use Methods not Finebrons

- ONOTE: The Difference between a Variable In a class and the one in a Method
 - A variable insolo a meble dis a Local Variable.
 - A variable insole a class is a batal Variable.
- @ NOTE: In JAVA like hardly use Cribbal Variables

What Are The 2 Operations Performed with Variables? - Initialization - Declaration Declaration # This is an example of And Willidd both. # White this is an example of Bedagaten Inibiallization float height in & Migation Initialization Declavabron Mhat Is AA INSTANCE. An Instance is an object of a class Palhat 1s An OBJECT! An Object is a concrete repræsentation of a class # A class man woman child # Instances/Obsacts helbert is a Library?

A Library is a Collection of re-usable codes.

& Install on your Ledwor- To Continue Tou are required to Download 2 things 1) IDM (Install this first) 2) Intelligent IDE (Install Second)

JAVA CODES @ Without further ado. - Let's write some Java Code This is the Preturn type which says vorte: meaning this method returns noting Public class - ava Class # A Molland Hhat Public static void main (string I I args)? rebuns system. out. print ("Hello World!"); Frefyn Type: Int De Variables Initialized This must return an integer value Public iht sum Two Numbers (int numa), ihta num? sebvn rum 1 + rum 1 Public void sum Two Numbers 2() iht nm1 = 14. int system.ort. priht ("nom 1 + nom 2"

Condibronal C' Arithmetic Operators Operators # not equal bo # And # is equal bo # Less blum # Greator than # Loss Hun Equal bo # Greater than Equal to # Not Greenbar Hlan # Not Less than To Call a method Inside our class (Public Java Class) ob) = now Java Class () : But Prints &

No Reburn Hello World obJ. mash 06 J. Som Two Numbers (5, 4) No Reburn: But Prints & obl. som Two Numbers 2 ()

CLASS TEST Write a method that swaps but Numbers and prof Jana File Could be any name You want - But must be Capitalized Public class Java Class public in swap Numbers (int a, int b) {

int hotd-a = a;

thold-a now carries a a = b # a now corries b b = hold-a; # & now Carries the original a valve System. ort. priht ("a = "+ a + DONE