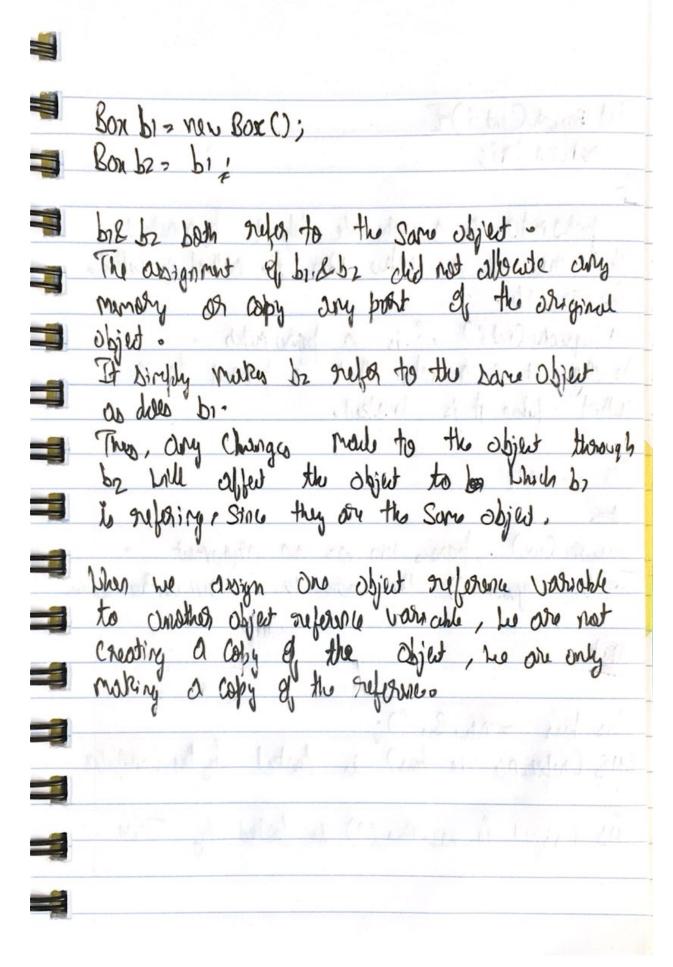
OOP -> Classe · A class is a template for an object Ord En objects is an instance of a class · A class Cheates a new data type that can be went to Greate Objects · When Greating declaring on object of a glass be one creating on instance of that claim · An object has physical reality (ie an object occupies of Spale in menor) objects one Characterized by three different essential brokentis: State- It is the your of from its datotype The Job Identity of an Object distinguished one Object pour distinguished.

Object Identity: the place whose its value is stated in manalyo

The behaviour of an object is the o The dot operator links the name of the = The formal Specification for Janu categorizes = · The new keyword dynamically allowers Cie allocates at run time memory for an object & notions a greference to it. This greference is more or less, the address in memory of the object allowed by new This reference is stored in the variable F Thus in Java, all class objects must be o dynamically allocated.

Bon My bon; / declare reference vohrcuble mybon = new Bon (); / allo code a Bon afree to an object of type Bon or refer to an object of type Bon actual Bone. The next line allocates an object and assigns a reference to 1+. · Alto Second line, we can up my Bonit as A H were a Bou object o In greatity my bon Striply holds in So estence, the memory address of the artical Bon object. Note-The Keys to Java Salpty is that me Connet monipulate reference des la con Thus we cannot cause an object refusera to point to an orbitary menty Location or

New: 80 Charanane Class = us = nh charanane (); -> Class was is a valiable of the class type being Gestel -> The Chrismane is the name of the Clare that le berry instartiated. The class were followed sh posterthess Speupes the Coustantes for the = A constructor defines what occurs when an object to created of class is created. But they don't he love new for use new for Such things as integer of Characters? Java's primitive types are not implemental us objuto Rather they are implemented as "rushmal" institute.
This is done in the interest of efficiency. X Important (New allocates memory for an object during gues time,



int squar(ind i) { getion ixi; A parameter is a variable defined by a mother that grecines a value when the method is called. for example. int square (int?) , i is a porterniter. An organist is a value that is bassed to a method when it is invalved. too example MES Square Crow , barres 100 as an argument Inskle square () the poweredor i recises the value. Note. Bus bus = New Bus (); LHS Creporare is bus) is looked by the compiles RAS COSjew is new Bro (1) is looked by Just