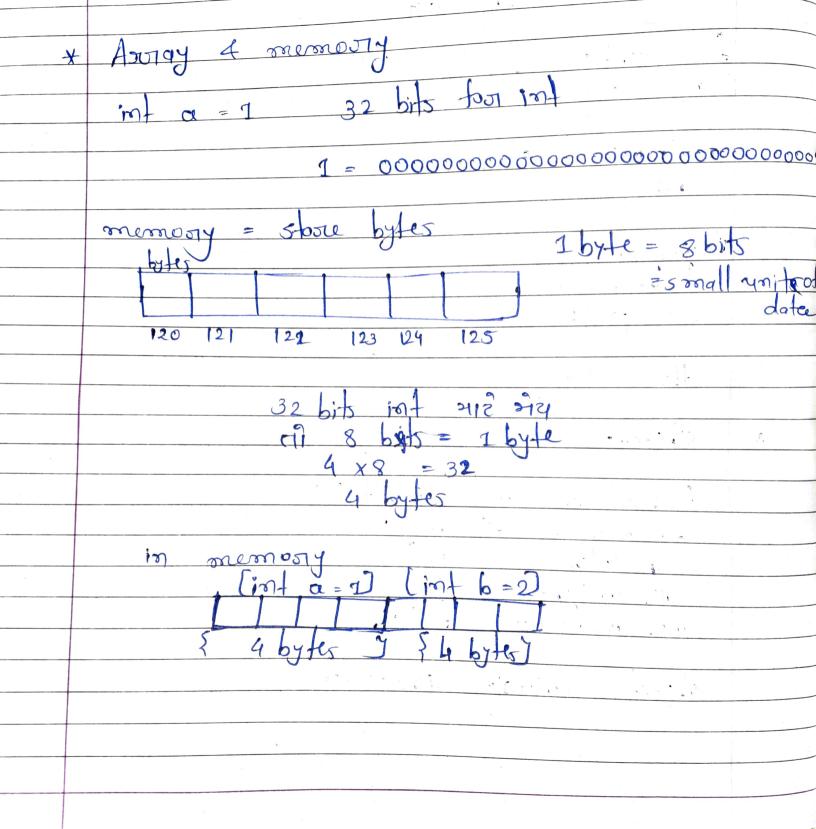
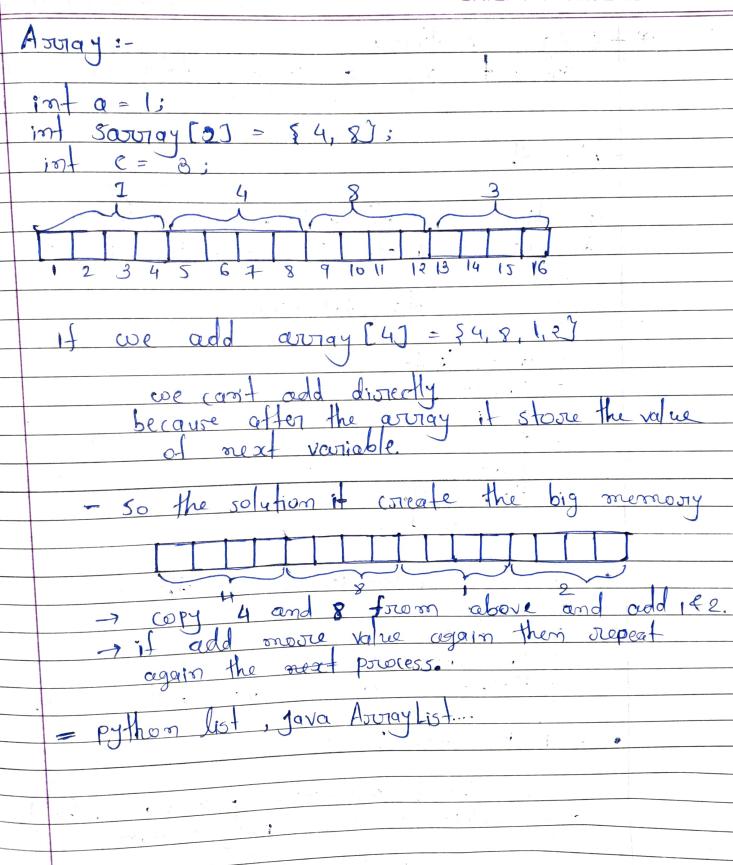
* Storage and memory · storage zi data parmement orey · while in memory pe suddown it will deleted (Reyr) Memory -> the need of memory · in storage there is show slow to read & would - But onemony is faster too oread and write ond then save it back to storage. + application - chrom. menusing RAM Load > Tstorage a stoucture





3	+ Dato structure:
	different ways of storing dates on your
	Computer
	+ Algorithm:
	operations on different data stanceture + sets of instructions for executing them
	+ sets of instructions too executing them
-	
	· Common data starectures
	- linked lists
	- Asuray
•	
	- Onew
	- Maps
	- Hash tables -
	- Search tolls
	· Common categories of algorithm
* · ·	- sewich
,	- soonting
	- true traversing Hashing & riegex (string pattern matching)
	- Hashing & riegex (storing pattern matching)
	1 1 2
	• copy it important!
-	
	- to understand organizing principles behind
,	web development and programming work

DATE: / / PAGE NO: class · A class is user defined blue print our
porototype from with objects are wreated · It represents the set of properties on methods
that are common to all objects of one type. -> Multiple objects class Animal &) class dog extends Animal (y) public class Test Animal obj = new Cot(2): => By constructor Robot (Storing m. Storing C, int co) {

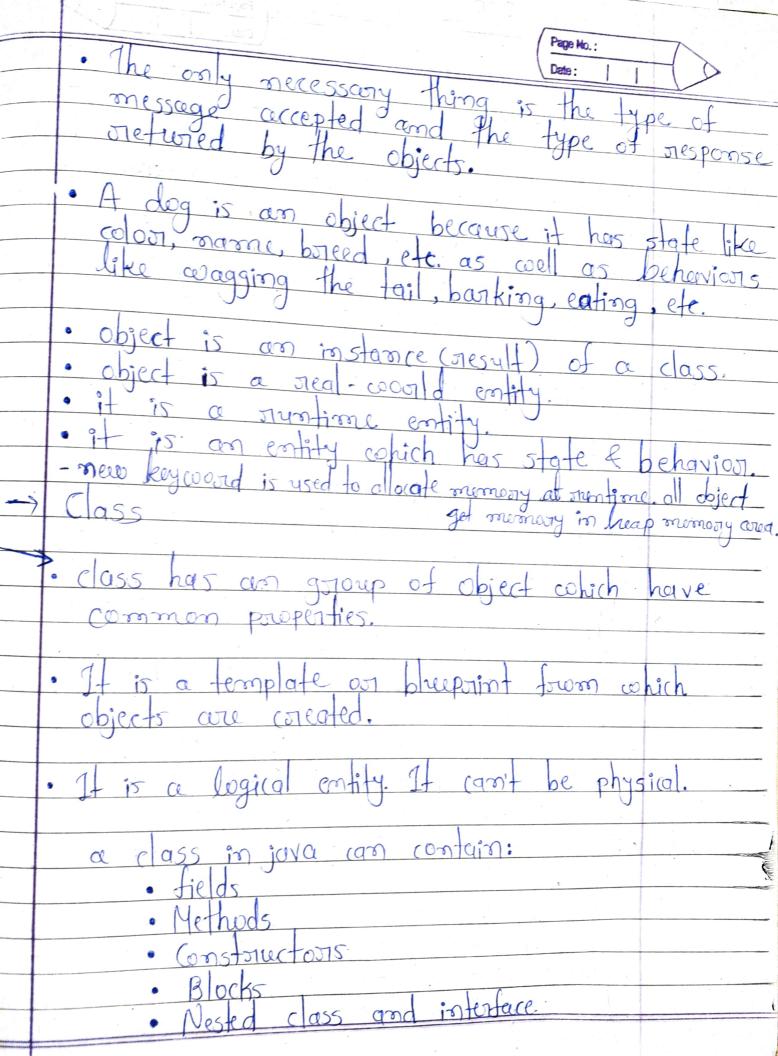
this. name = m;

this. colour = c;

this. weight = w; class Robot & storing name; storing colour; int weight;

Robot of = new Robot ("Tom, ored", 30);
Robot of = new Robot ("Jerry", blue", "40");

	: ats 1
*	oops (object-oriented programming system
\rightarrow	object megns sieal-coord entity such as a
	object means sieal-coord entity such as a pen, cheis, table, computer, coaten, etc.
	the first of the second of the
→	object-Oriented programming is a methodology or paradigm to design a program using dasser and objects.
	on paradigm to design a program using
	Masses and objects.
→ ·	Concepts: - object
	C/022
	Inheritara (e
	polymosiphism.
	abstraction
	Emapsylation
->	Object
	- O GIGT
	· Any entity that has starte and behavior is
	(18) (hippi
	Ex:- cheyor, pem, table, keyboard, bike, etc.
	It can be physical on logical.
	An object can be défined as an instance of a
	It contains an address and takes up some
	object can contains an communicate without
	knowing the deterils of each other's date
	out code



· object is the concept cohich suppresents the dass coith the help of a new operator we may easily create object of class and memory is created in the heap and object is called an instance of dass. · Real time & :- It animal is class then dog is the object, if human is the class then man is the object.