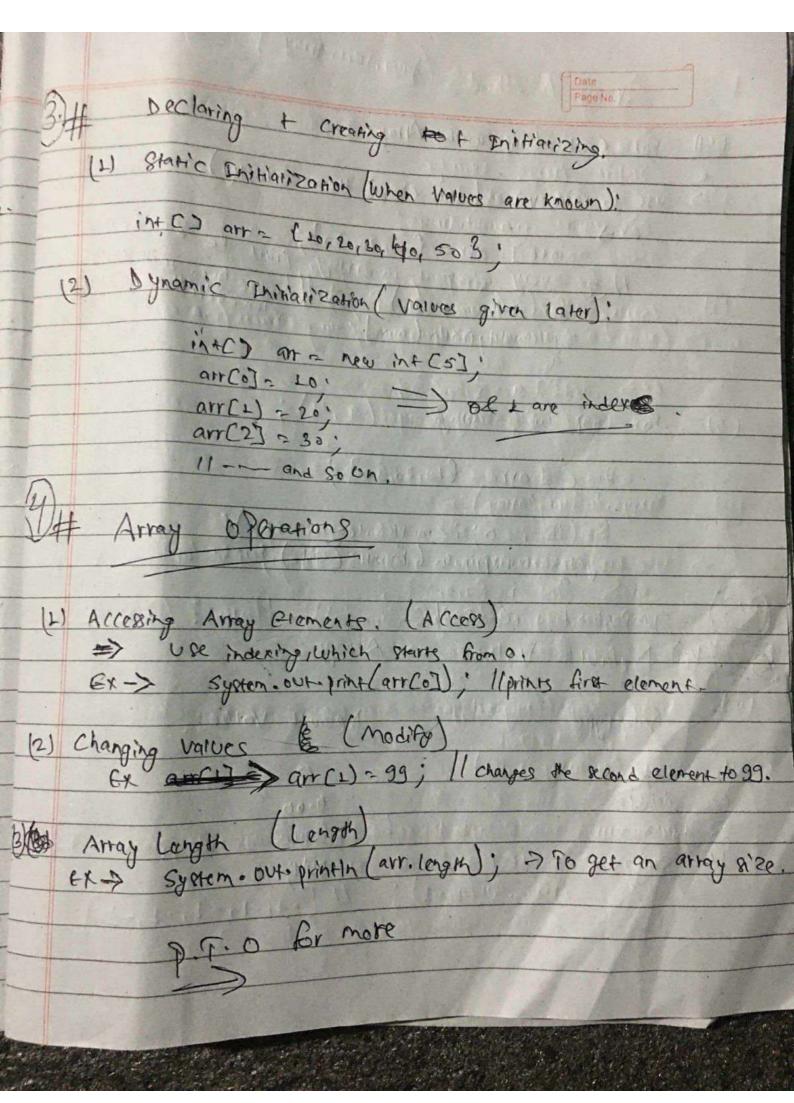
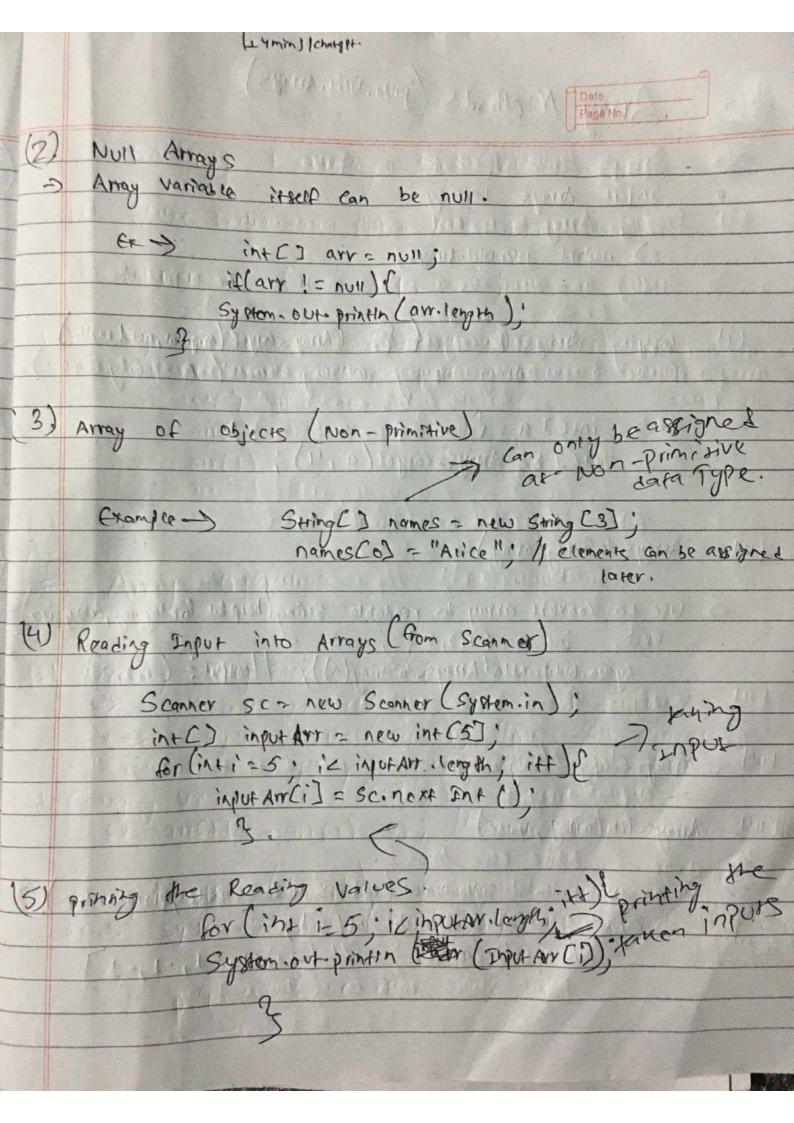
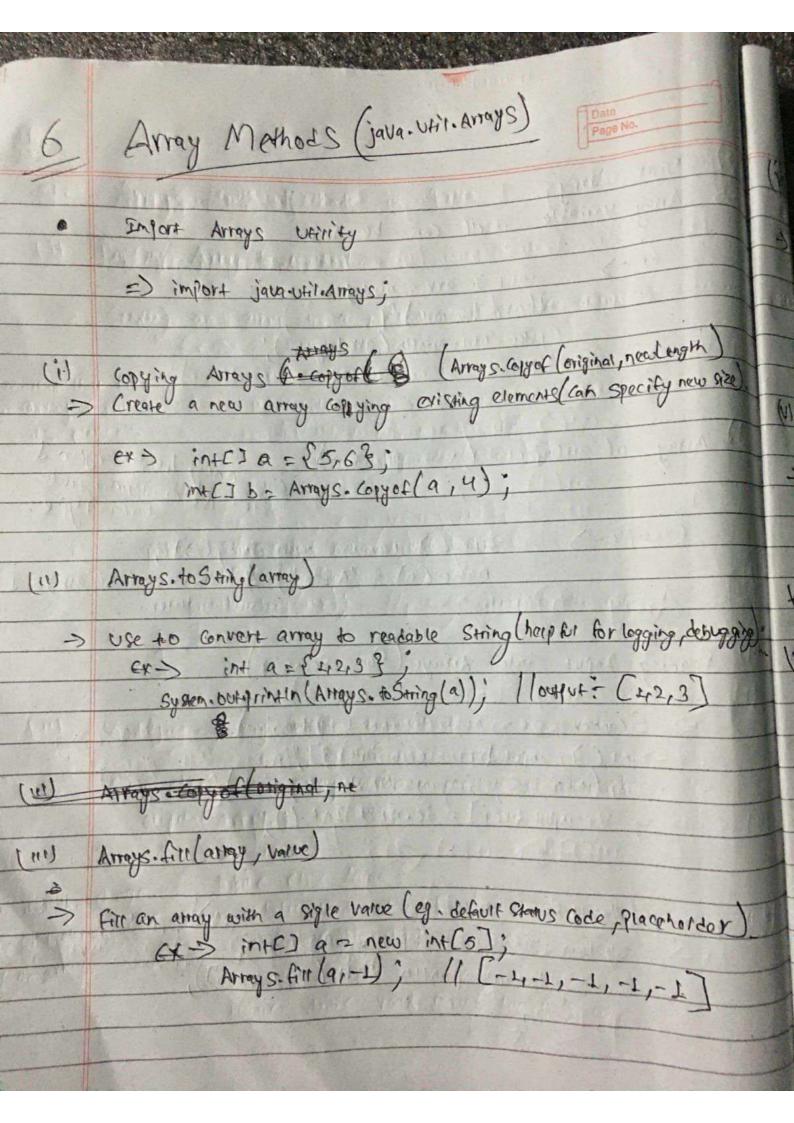
= (a) (Arrays) SAMA Same to the Collection of elements (values) of the date Same data type, Stored in configurs momory locations. It's a way to group multiple values under a signific variable name . Why we need on Array or why use Array. Store multiple values of the same datatype. Organize data efficiently for processity, Example: (Not Array)

Insted of creating 5 variables line this:

The = 10, 5=20, c=30/d= 40/0=50 we can use array like this. (Array) intel arr = {10,20 130, 40,509 Declarity an Array (Syntax) 6 dataType[] arrayName; Ex > int [] Aumbers; I (numbers is gently defined) Creating an Array size of an array data Type me C) arry Name = new data Type (Stee). GE -> intC) number 2 new intCs); Minimarization: Actual here object is created in the treap.





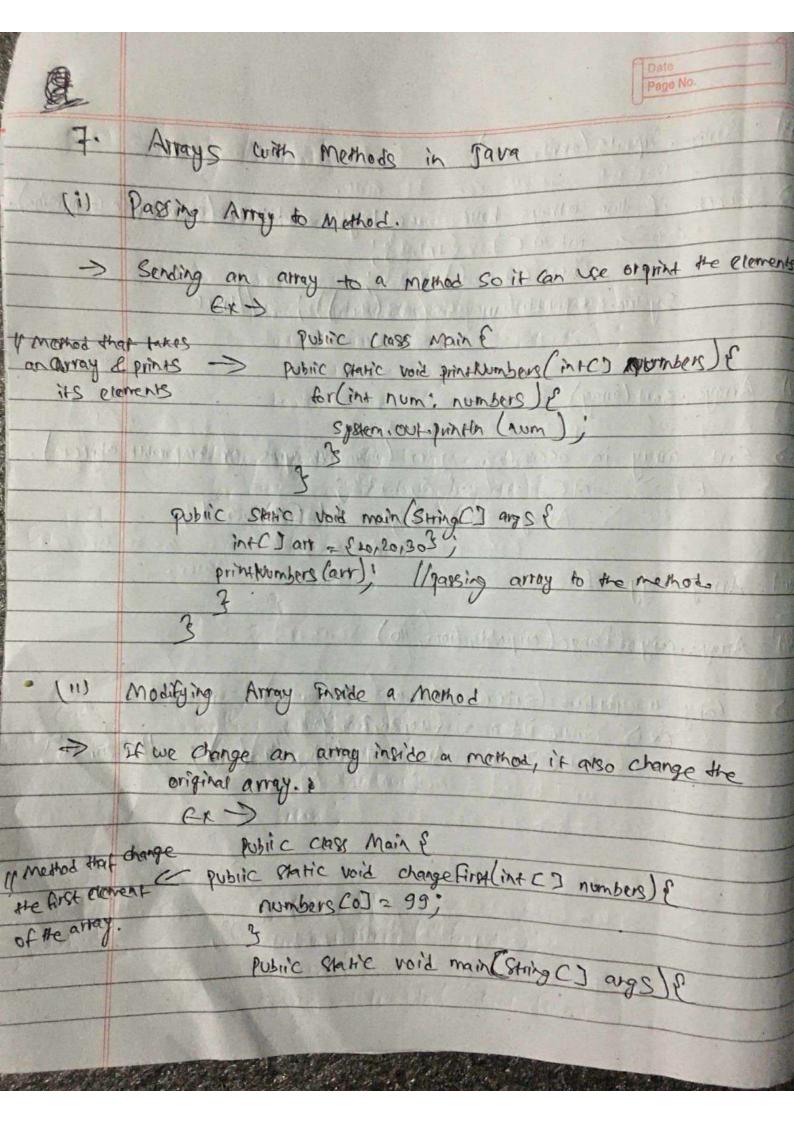


1.50	
	Date Page No.
(jv	
1	Arrays. equals (arry, arry)
->	Charles and the man.
	Check if two arroys have same length and values (element-wise Comparision)  Ex > int a C] = {42,3}!  int 5 CD = {42,3}!
	int a C] = {42,3}!
	Sustem mutality (2 mm course (0 t/): //
	System. out.println(arrays. equals (9,5)); //true
(v)	Army Army Corn Transmittener way was made to the state of
	Arrays . Sort (array)
	THE RESERVE OF THE PROPERTY OF
	Sort array in asconding order (primitive types or comparable objects).  Ex > intCl a0 = £5,1,33;
	MLJ QU = L3,1,35;
	Arrays. 50++(a), 1/C113,5]
(;	Anna Car Di
	Arrays Copy of many sound ! (mapping the property of the sound of the
)	America com APara Carrier A
,	Arrays.copy of Range (original, Aom, to)
	(
2	copy a portion (Stice) of an array.
	Coly a portion (sice) of an array.  (x) int CD sub = Arrays. copy of Range (a, 1,3); (C20,30)
11 68	int ( ) Sub = Armys. copy of Range (9, 2, 13); [[ 20, 30]
- 100	the state of the s

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change First (arr): 11 Array is modified in side the method.

System. out. println (arrCo]; 11 output i 99 sent layer of a maderial story of the souls LONGE OF SELECTION ( ) SHE (3) Returning an Away from a Method Can create and return an any to the main method. Ex-3 1/11 ( May and ) ( May and ) the property (i) they are Public class Main & 11 Method that \_\_ public static int [] getMarks () { returns an return new int C] (60, 70, 80); array Public Static Voil main (String[] args ) & int() marks = germarks (); I her array from method System. out. println (marks Co]; (1 output: 60 A AND CHANNER YERON B Transact show

saud told " ) at rich ton anny

Searching (Manual) checks if an element oxists -Public Static void main (String C] angs) & EX3 public class main & M+C] arr= £10,20,30,40,50}; int target = 30; boolean found = faise; THE SHE STATE Musing Regular for Loop Search. for the iso; is an length; itt) & Par (00) if(arrCi] = = target) [ found = erue; Break; I have a rolly 3 Com Exploration Contract of the P For Each Il using For-each Search.

For Cach Search. if (num = = target) & found = to true; break if (Bund) f System out Printin ( " found "): In Both 3 olse System. out. Print In ("Not Found");