build using primitive data types

(1) ARRAYS

int m1 =30; int me = 40; int m3 = 50;

mark int marks []; // Declaration int

marks = new int [5]; 11 Initialisation

Size of warray marks [0] = 30; 1st 7 2ndmarks [1] = 90;

3 and mark [2] = 35; marks [3] = 50 Uth ) marks of students marles [4] = 60

5th -

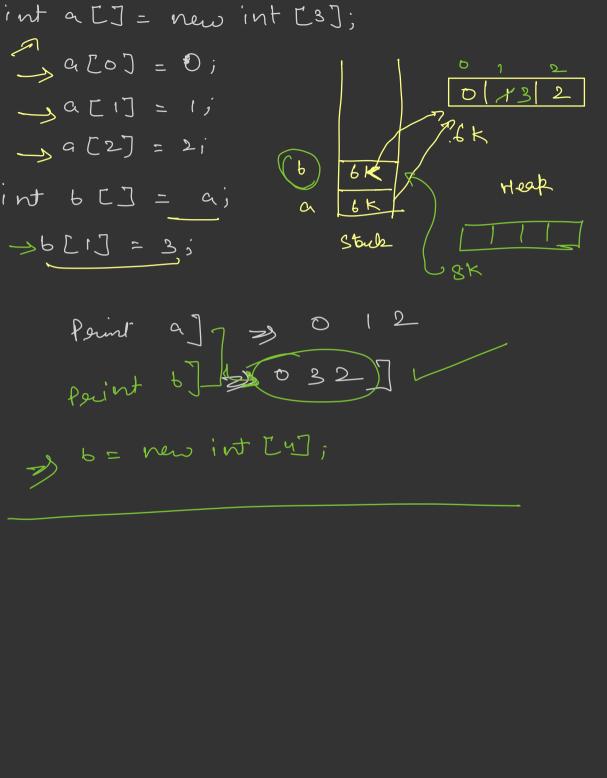
Paint marks

Jose(int i =0; i < marks. length; i++) & syso (marks [i]);

## MEMORY MANAGGMENT IN ARRAY

RAM marks []; 1/ 1 30 40 3 5 50 marks = (new) int[5]; 4K)4R74 4R712 allocates the  $\alpha$ memory in heap Heat 3 Tack int are []; // int [] are; Boolean boolean ara [] = new boblean [10]; 11 int ara [] = new int [5]; 11

->/Int wall= 220, so, 40, 503, int walls new int [47; core [0] =20; [] -30 [2] = 40 [3] = 50 int are = new int [1000]; Same [ 600 ] = 20; time [ 67 = 10 ; 10000



Lo sorted array Val int m = (2+2)/2m = 5/2 = 2//3+5/2 = 4 3 if ( val == are [mid] { Sysomid; else if (val > ase [mid]) Deft = mid +1; sight = mid-1;