## ARRAYS

## Non Perimitive datatypes

build using perimitive data types

(1) ARRAYS

On non perimitive

int  $m_1 = 30;$ int  $m_2 = 40;$ int  $m_3 = 50;$ 

30 40 35 50 60

int marks []; // Declarations int

variable marks = new int [5]; 1) Initialisation

> marks [0] = 30; 1st 7 size of array > marks [1] = 40; 2nd // Length

marks [2] = 35; 3 and

marks [3] = 50 4th smarks of students

marks [4] = 60 5th

Paint marks

for(int i = 0; i < marks.length; i++) ?

syso (marks [i]);

## MEMORY MANAGEMENT IN ARRAY

RAM marks []; marks = (new) int[5]; allocates the memory in heap Heat 3 Tack marks[2] = 20 Int are []; // int [] are; Boolean conay boolean are []= 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

3 a[0] = 0; a[1] = 1; a[2] = 2i int b[] = a; b[1] = 3; ← Mea P Stack Point a 0 3 2 Paint 6 0 32 b= new int [4]; 6 CO] = 25

int a [] = new int [3];