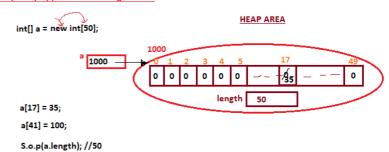
Arrays in Java

Modern/Array Approach of Storing of data:

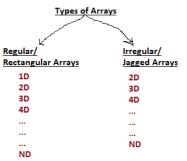
Traditional/Variable Approach of Storing the data:

int a;	int i;	int q;	int y;
int b;	int j;	int r;	int z;
int c;	int k;	int s;	int aa;
int d;	int l;	int t;	int ab:
int e;	int m;	int u;	int ac;
int f;	int n;	int v;	
int g;	int o;	int w;	
int h;	int p;	int x;	int ax;

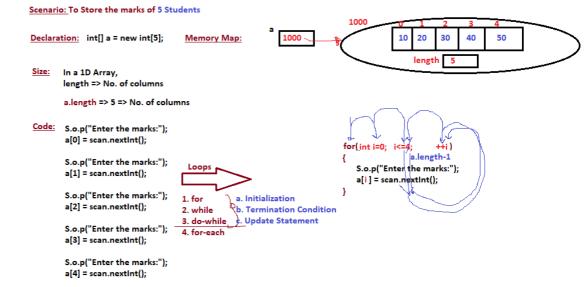
- i. Creation is tedious & inefficient ii. Accessing is extremely difficult
- iii. Length of the code increases
- iv. Suitable to store only small amount of data



- i. Creation is Simple
- ii. Accessing is Easy
- iii. Length of the code reduces
- iv. Suitable to store large volumes of data

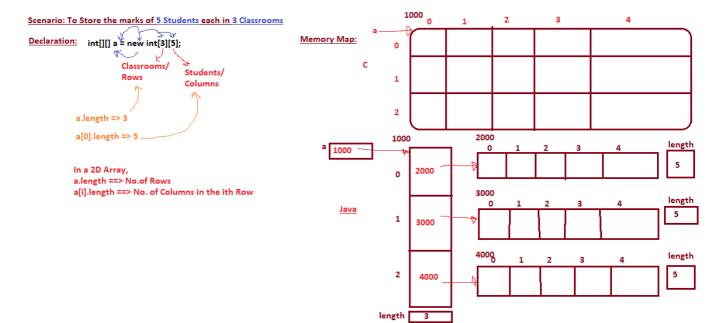


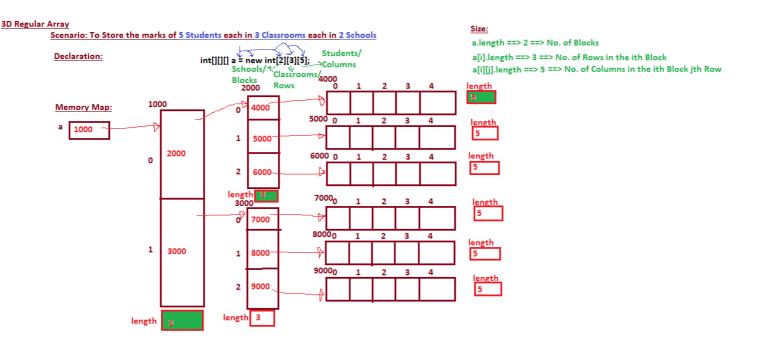
1D Regular Array



2D Regular Array

Multi-Dimensional Arrays in Java are "<u>Array of Arrays</u>"





Assignment

4D Regular Array

Scenario: To Store the marks of 5 Students each in 3 Classrooms each in 2 Schools each in 2 Cities