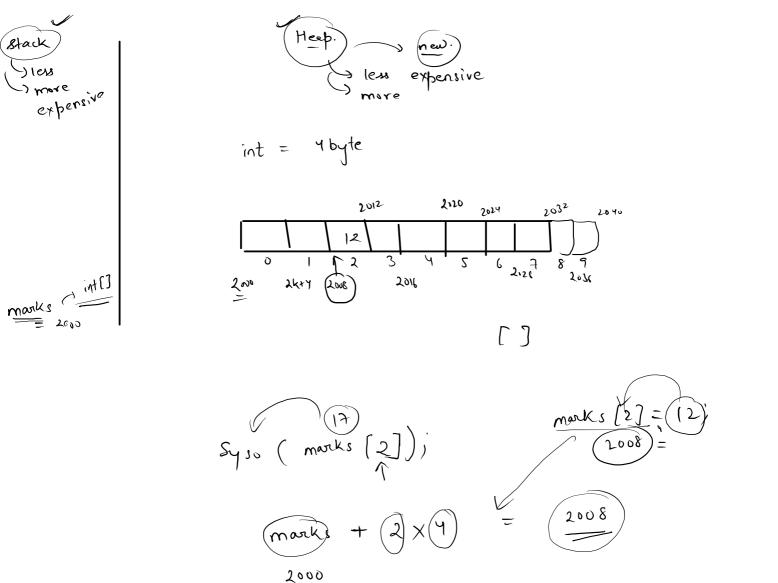
collection of similar date.

Scontiguous.

Store, & similar with one name multiple

Variable Apre infor int, string, bow loan. int age = $(52)^2$ int age 2 = $(12)^2$ int age 3 = $(42)^2$ 50 studends. marks1 = 20; +5marks2 = 14; +5marks3 = 14; +5

20 17 16 12 11 13 ල marks 2 8 ٥ 6 (ergth=10 8t8 = 10 element SAx charAt (4) marks (4);



learn any Data Structure.

```
1. Initiaire.

2. add / update.

3. get

4. print
```

```
public class Main
{
    public static void main(String[] args) {

        //how to initialize array

        int [] marks = new int[4];

        System.out.println(marks.length);

        marks[1] = 18;
        marks[1] = 2000;

        marks[9] = 22;
        System.out.println(marks[1]);

        // System.out.println(marks[9]);

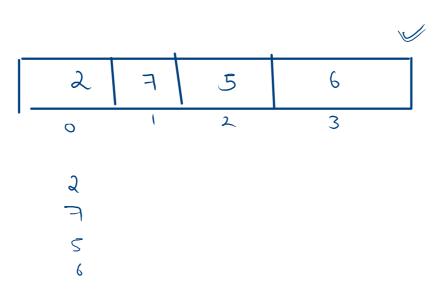
}
}
```

Print the array elements linewise

Take ${\bf n}$ as an integer input. Declare an array of size ${\bf n}$ that stores value of int data-type.

Then take **n** integer inputs and store them in the array one by one.

And print each integer in each line.





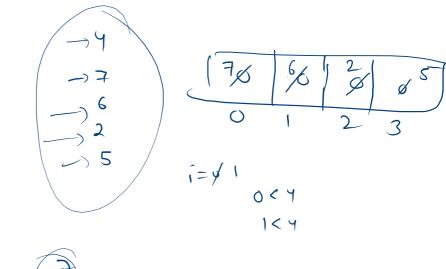




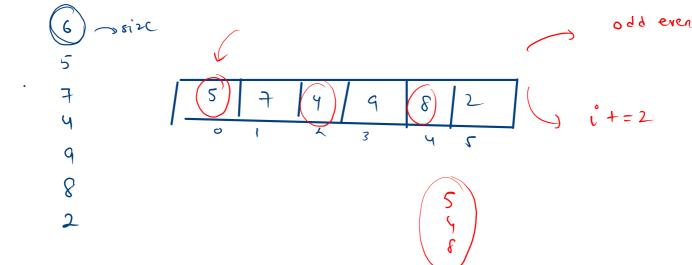


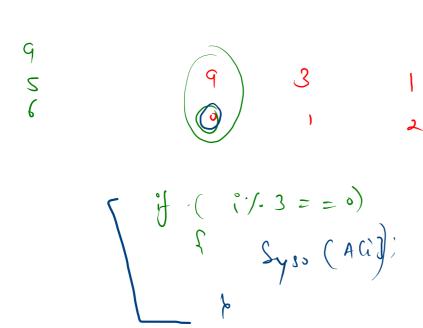


```
public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);
    int n = scn.nextInt(); // 
    int [] arr = new int[n];
    for(int i = 0; i < n; i++){
        arr[i] = scn.nextInt();
    }
    for(int i = 0; i < n; i++){
        System.out.println(arr[i]);
    }
}</pre>
```



Print Alternate Array Elements Linewise







```
public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);
    int n = scn.nextInt();
    int [] A = new int[n];

    for(int i = 0; i < n; i++){
        A[i] = scn.nextInt();
    }

    int m = scn.nextInt();
    int [] B = new int[m];
    for(int i = 0; i < m; i++){
        B[i] = scn.nextInt();
    }

    boolean ans = checkIdentical(A, B);
    System.out.println(ans);
}</pre>
```

A(i) = B(i)

B

```
public static boolean checkIdentical(int [] A, int [] B){
   if(A.length != B.length){
   // length is same
    for(int i = 0; i < A.length; i++){</pre>
        if(A[i] != B[i]){
```