**2D Array Multiplication**

public class Main

{

public static void main(String[] args) {

int arr[][]={{1,2,3},{4,5,6}};

for(int i=0;i<arr.length;i++){

for(int j=0;j<arr[i].length;j++){

arr[i][j] \*=2;

System.out.print(arr[i][j]+" ");

}

}

}

}

**Sum of two 2D Array**

public class Main

{

public static void main(String[] args) {

int arr[][]={{1,2,3},{4,5,6}};

int a[][]={{7,8,9},{10,11,12}};

int sum[][]=new int[2][3];

for(int i=0;i<arr.length && i<a.length;i++){

for(int j=0;j<arr[i].length && j<a[i].length;j++){

sum[i][j]+=(arr[i][j]+a[i][j]);

System.out.print(sum[i][j]+" ");

}

}

}

}

**Sum 2D Array**

public class Main

{

public static void main(String[] args) {

int arr[][]={{1,2,3},{4,5,6}};

int sum=0;

for(int i=0;i<arr.length;i++){

for(int j=0;j<arr[i].length;j++){

sum+=arr[i][j];

System.out.print(sum+" ");

}

}

}

}

**List**

import java.util.\*;

public class Main

{

public static void main(String[] args) {

List<Integer> list=new ArrayList<>();

list.add(1);

list.add(2);

list.add(3);

list.add(7);

list.add(5);

int sum=0;

int pro=1;

System.out.println(list);

for(int i:list){

sum+=i;

pro\*=i;

}

System.out.println("Sum is "+sum);

System.out.println("Product is "+pro);

}

}

**Set**

import java.util.\*;

public class Main

{

public static void main(String[] args) {

Set<Integer> set=new TreeSet<>();

set.add(1);

set.add(2);

set.add(3);

set.add(2);

set.add(5);

set.add(7);

set.add(2);

set.add(2);

set.add(5);

set.add(1);

System.out.println(set);

}

}

**Hash Map**

import java.util.\*;

public class Main

{

public static void main(String[] args) {

Map<Character,Integer> map=new HashMap<>();

map.put('f',7);

map.put('a',26);

System.out.println(map);

}

}

**Linked Hash Map**

import java.util.\*;

public class Main

{

public static void main(String[] args) {

Map<Character,Integer> map=new LinkedHashMap<>();

map.put('f',7);

map.put('a',26);

System.out.println(map);

}

}