**1. Find max of 3 elements**

import java.util.Scanner;

public class MyClass

{

public static void main(String[] args)

{

int a, b, c, largest, temp;

//object of the Scanner class

Scanner sc = new Scanner(System.in);

//reading input from the user

System.out.println("Enter the first number:");

a = sc.nextInt();

System.out.println("Enter the second number:");

b = sc.nextInt();

System.out.println("Enter the third number:");

c = sc.nextInt();

//comparing a and b and storing the largest number in a temp variable

temp=a>b?a:b;

//comparing the temp variable with c and storing the result in the variable

largest=c>temp?c:temp;

//prints the largest number

System.out.println("The largest number is: "+largest);

}

}

==================================================

**2. Find min of 3 elements**

class MyClass {

public static void main (String[] args) {

int a = 5, b = 7, c = 10;

if (a <= b && a <= c)

System.out.println( a + " is the smallest");

else if (b <= a && b <= c)

System.out.println( b + " is the smallest");

else

System.out.println( c + " is the smallest");

}

}

=====================================================

**3. Find mid elements out of 3 elements.**

import java.util.\*;

class MyClass

{

// Function to find the middle of three number

public static int middleOfThree(int a, int b, int c)

{

// Compare each three number to find

// middle number. Enter only if a > b

if (a > b)

{

if (b > c)

return b;

else if (a > c)

return c;

else

return a;

}

else

{

// Decided a is not greater than b.

if (a > c)

return a;

else if (b > c)

return c;

else

return b;

}

}

// driver code

public static void main(String[] args)

{

int a = 20, b = 30, c = 40;

System.out.println(middleOfThree(a, b, c));

}

}

=================================================

**4. Print below series for n=5**

public class MyClass {

public static void main(String args[]) {

printPattern(5);

}

public static void printPattern(int n){

for(int i=1;i<=n;i++){

for(int j=1;j<=i;j++){

System.out.print(j);

}

System.out.println();

}

}

}

============================================================

**5. Print below series for n=5**

public class MyClass {

public static void main(String args[]) {

printPattern(5);

}

public static void printPattern(int n){

for(int i=n;i>=1;i--){

for(int j=1;j<=i;j++){

System.out.print(j);

}

System.out.println();

}

}

}

==========================================================

**6. Return all odd elements from array**

public class MyClass {

public static void main(String args[]) {

int arr[] = {1,5,6,4,3,2,8};

oddNumber(arr);

}

public static void oddNumber(int[] arr){

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

if(arr[i]%2 != 0)

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

}

}

}

=====================================================

**7. Find sum of array elements**

[1,2,6,3,5] should return => 17

public class MyClass {

public static void main(String args[]) {

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

sumOfElementsInArray(arr);

}

public static void sumOfElementsInArray(int[] arr){

int sum = 0;

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

sum = sum + arr[i];

}

System.out.print("The sum of array is "+sum);

}

}

==========================================================

**8. find first even number in array if there is no even return -1**

public class MyClass {

public static void main(String args[]) {

int arr[] = {1,5,9,4,3,2,8};

firstEven(arr);

}

public static void firstEven(int[] arr){

int even = 0;

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

if (arr[i] % 2 == 0) {

even = arr[i];

System.out.println("The first even number is:" + arr[i]);

break;

}

}

}

}