1)

import java.util.Scanner;

class Main {

public static void main(String[] args) {

for (int i=1;i<10;i++) {

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

System.out.print(j);

}

System.out.println("");

}

}

}

2)

import java.util.Scanner;

class Main {

public static void main(String[] args) {

for (int i=0;i<10;i++) {

for(int j=0;j<=i;j++) {

System.out.print("\*");

}

System.out.println("");

}

}

}

3)

package new\_package;

import java.util.Scanner;

public class Arrays {

public static void main(String[] args) {

int n, max;

Scanner s = new Scanner(System.in);

System.out.println("Enter the limit:");

n = s.nextInt();

int a[] = new int[n];

System.out.println("Enter the numbers:");

for(int i = 0; i < n; i++)

{

a[i] = s.nextInt(); // code to enter the number

}

max = a[0];

for(int i = 0; i < n; i++)

{

if(max < a[i])

{

max = a[i];

}

}

System.out.println("Maximum value:"+max);

}

}

4)

import java.util.Scanner;

class Main {

public static void main(String[] args) {

Scanner sc=new Scanner(System.in);

System.out.println("Enter the number1 :");

int no1 = sc.nextInt();

System.out.println("Enter the number2 :");

int no2 = sc.nextInt();

System.out.println("Enter the number3 :");

int no3 = sc.nextInt();

System.out.println("Enter the number4 :");

int no4 = sc.nextInt();

System.out.println("Enter the number5 :");

int no5 = sc.nextInt();

if(no1>no2&&no1>no3&&no1>no4&&no1>no5)

{

System.out.println(" number1 is greater among all five "+no1);

}

else if(no2>no1&&no2>no3&&no2>no4&&no2>no5)

{

System.out.println(" number2 is greater among all five "+no2);

}

else if(no3>no1&&no3>no2&&no3>no4&&no3>no5)

{

System.out.println(" number3 is greater among all five "+no3);

}

else if(no4>no1&&no4>no2&&no4>no3&&no4>no5)

{

System.out.println(" number4 is greater among all five "+no4);

}

else if(no5>no1&&no5>no2&&no5>no4&&no3<no5)

{

System.out.println(" number5 is greater among all five "+no5);

}

}

}

5)

package new\_package;

import java.util.Scanner;

public class MemberDetails {

public static void main(String[] args) {

Scanner sc=new Scanner(System.in);

String name[]=new String[5];

long number[]=new long[5];

int age[]=new int[5];

System.out.println("Enter the details");

for(int i=0;i<5;i++) {

System.out.println("Enter the name");

name[i]=sc.next();

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

number[i]=sc.nextLong();

System.out.println("Enter the age ");

age[i]=sc.nextInt();

}

System.out.println("Displaying the details");

for(int i=0;i<5;i++) {

System.out.println("Details of the members are\r ");

System.out.println("name = "+name[i]+"number = "+number[i]+"age = "+age[i]);

}

}

}