P: 1

import java.util.Scanner;

public class mathclass1 {

    public static void main(String[] args) {

        Scanner ver = *new* Scanner(System.in);

        System.out.print("Insert your number: ");

        double number = ver.nextDouble();

        double abs = Math.abs(number);

        System.out.printf("Absolute value: \n", abs);

        double floor = Math.floor(number);

        System.out.printf("Floor value: %.3f \n" , floor);

        double ceil = Math.ceil(number);

        System.out.printf("Ceiling value: %.3f \n" , ceil);

        long rd = Math.round(number);

        System.out.printf("Rounded value: %d \n" ,rd);

        double sq = Math.sqrt(number);

        System.out.printf("Square root value: %.3f ", sq);

    }

}

P: 2

import java.util.Scanner;

public class min\_maz {

    public static void main(String[] args) {

        Scanner sd = *new* Scanner(System.in);

        System.out.println("Place your 3 int data one by one");

        int er=sd.nextInt();

        int ar=sd.nextInt();

        int cr=sd.nextInt();

        int max =Math.max(er, Math.max(ar,cr));

        int min =Math.min(er, Math.max(ar,cr));

        System.out.printf("Maximum Data is %d \n\tMinimum Data is %d",max,min);

    }

}

P:3

public class roundf {

    public static void main(String[] args) {

*for* (int x = 0; x < 5; x++) {

            int rdm = (int) (Math.random()\* 101) + 100;

            System.out.println(+ rdm);

        }

    }

}

P:4

import java.util.Scanner;

public class pow {

    public static void main(String[] args) {

        Scanner tr = *new* Scanner(System.in);

        System.out.print("Insert base num ");

        int b =tr.nextInt();

        System.out.print("Insert exp num ");

        int exp =tr.nextInt();

        System.out.println("power number is  : "+Math.pow(b, exp));

    }

}

P;5

import java.util.Scanner;

public class are\_pi {

    public static void main(String[] args) {

        Scanner iu = *new* Scanner(System.in);

        System.out.print("Insert radius value : ");

        double er = iu.nextDouble();

        System.out.println("The area of a circle is : "+Math.PI\*Math.sqrt(er));

    }

}