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public static void main(String[] args) {
    try (Scanner sc = new Scanner(System.in)) {
        System.out.print("Nhap x, y, z: ");
        double x = sc.nextDouble();
        double y = sc.nextDouble();
        double z = sc.nextDouble();

        if(x>=0 && y>=0 && z>=0) {
            if(x+y>z && x+z>y && y+z>x) {
                System.out.println("3 canh co lap thanh tam giac");

                double p = (x+y+z)/2;
                double S = Math.sqrt(p*(p-x)*(p-y)*(p-z));
                System.out.printf("Chu vi = %.2f", p*2);

                System.out.printf("\nDien tich = %.2f", S);
            } else
                System.out.println("3 canh KHONG lap thanh tam giac");
        } else
            System.out.println("Do dai nhap khong hop le!!!");
    }
}

#in ra snt
public class BaiTap3 {
    public static void main(String[] args) {
        try (Scanner sc = new Scanner(System.in)) {
            int n;
            boolean soNguyenTo = true;

```

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do {
    System.out.print("Nhap n: ");
    n = sc.nextInt();
}while(n <= 0 || n >= 1000);

System.out.println("Tat ca so nguyen to trong khoang tu 0-n:");
for(int i = 1; i <= n; i++) {
    soNguyenTo = true;
    for(int j = 2; j < i; j++) {
        if(i%j == 0)
            soNguyenTo = false;
    }
    if(soNguyenTo == true)
        System.out.print(i + " ");
}
}
}
}

```

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public class BaiTap4 {
    public static void main(String[] args) {
        try (Scanner sc = new Scanner(System.in)) {
            int n;
            int sum = 0;
            do {
                System.out.print("Nhap so nguyen duong n: ");
                n = sc.nextInt();
            }while(n<=0);

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        System.out.println("Tong tat ca so chan trong khoang tu 0-n:");
        for(int i = 1; i <= n; i++) {
            if(i % 2 == 0)
                sum += i;
        }

        System.out.println("sum = " + sum);
    }
}

```

```

public class BaiTap5 {
    public static void main(String[] args) {
        try (Scanner sc = new Scanner(System.in)) {
            System.out.print("Nhap mot so nguyen: ");
            int n = sc.nextInt();

            System.out.println("Phep nhan cua " + n + " voi cac so tu 1-20:");
            for(int i = 1; i <= 20; i++) {
                System.out.println(n + " x " + i + " = " + n*i);
            }
        }
    }
}

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public class BaiTap6 {
    public static void main(String[] args) {
        try (Scanner sc = new Scanner(System.in)) {

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        System.out.print("Nhap n: ");
        int n = sc.nextInt();

        int[] arr = new int[n];
        System.out.println("Nhap cac phan tu mang: ");
        for(int i = 0; i < n; i++) {
            System.out.printf("a[%d] = ", i);
            arr[i] = sc.nextInt();
        }

        int sum = 0;
        for(int i = 0; i < n; i++)
            sum += arr[i];
        System.out.println("Gia tri trung binh mang la: " + sum/n);
    }
}

```

```

public class BaiTap7 {
    public static void main(String[] args) {
        try (Scanner sc = new Scanner(System.in)) {
            System.out.print("Nhap n: ");
            int n = sc.nextInt();

            int[] arr = new int[n];
            System.out.println("Nhap cac phan tu mang: ");
            for(int i = 0; i < n; i++) {
                do {
                    System.out.print("a[" + i + "] = ");

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        arr[i] = sc.nextInt();
    }while(arr[i] <= 0);
}

int max = 0;
for(int i = 0; i < n; i++) {
    if(arr[i] > max)
        max=arr[i];
}

System.out.println("Phan tu co gia tri lon nhat la: " + max);
}
}
}

```

```

public class BaiTap8 {
    public static void main(String[] args) {
        try (Scanner sc = new Scanner(System.in)) {

            System.out.print("Nhap n: ");
            int n = sc.nextInt();

            int[] arr = new int[n];
            System.out.println("Nhap vao cac phan tu mang so nguyen:");
            for(int i = 0; i < n; i++) {
                System.out.print("a[" + i + "] = ");
                arr[i] = sc.nextInt();
            }

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        int temp;
        for(int i = 0; i < n - 1; i++) {
            for(int j = i + 1; j < n; j++) {
                if(arr[i] > arr[j]) {
                    temp = arr[i];
                    arr[i] = arr[j];
                    arr[j] = temp;
                }
            }
        }

        System.out.print("Sap xep tang dan: ");
        for(int i = 0; i < n; i++) {
            System.out.print(" " + arr[i]);
        }
    }
}

```

```

public class BaiTap9 {
    public static void orderByASC(int[] arr) {
        int temp = arr[0];
        for (int i = 0 ; i < arr.length - 1; i++) {
            for (int j = i + 1; j < arr.length; j++) {
                if (arr[i] > arr[j]) {
                    temp = arr[j];
                    arr[j] = arr[i];
                    arr[i] = temp;
                }
            }
        }
    }
}

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    }
}

```

```

public static int[] insert(int[] arr, int k) {
    int arrIndex = arr.length - 1;
    int tempIndex = arr.length;
    int[] tempArr = new int [tempIndex + 1];
    boolean inserted = false;

    for (int i = tempIndex; i >= 0; i--) {
        if (arrIndex > -1 && arr[arrIndex] > k) {
            tempArr[i] = arr[arrIndex--];
        } else if (!inserted) {
            tempArr[i] = k;
            inserted = true;
        } else
            tempArr[i] = arr[arrIndex--];
    }
    return tempArr;
}

```

```

public static void ln(int [] arr) {
    for (int i = 0; i < arr.length; i++) {
        System.out.print(arr[i] + " ");
    }
}

```

```

public static void main(String[] args) {

```

```

try (Scanner sc = new Scanner(System.in)) {
    System.out.print("Nhap n: ");
    int n = sc.nextInt();

    int[] arr = new int [n];
    System.out.println("Nhap cac phan tu mang:");
    for (int i = 0; i < n; i++) {
        System.out.print("a[" + i + "] = ");
        arr[i] = sc.nextInt();
    }

    orderByASC(arr);
    System.out.print("Sap xep mang tang: ");
    In(arr);

    System.out.print("\nNhap phan tu k can chen: ");
    int k = sc.nextInt();

    System.out.print("Sap xep mang tang sau khi chen " + k + " la: ");
    arr = insert(arr, k);
    In(arr);
}
}
}

```