

```
public static void main(String[] args) {  
    int aa[] = {1, 2, 3, 4, 5};  
    int bb[] = {6, 7, 8, 9, 10, 11, 12, 13, 14, 15};  
    System.out.arraycopy(aa, srcPos: 0, bb, destPos: 0, length);  
    for (int i = 0; i < aa.length; i++) {  
        System.out.println(aa[i] + " ");  
    }  
    System.out.println();  
    for (int j = 0; j < bb.length; j++) {  
        System.out.print(bb[j] + " ");  
    }  
    System.out.println();  
}
```

```
public static void main (String[] args) {
    int Sort[] = {1, 2, 3, 4, 5, 7, 6, 8, 9};
    int key = 6; int locale = -1; int low = 0;
    int high = Sort.length - 1;

    while (high >= low) {
        int mid = (low + high) / 2;
        if (key < Sort[mid])
            high = mid - 1;
        else if (key == Sort[mid]) {
            locale = mid;
            break;
        } else
            low = mid + 1;
    }
    if (locale == -1)
        System.out.println("数组中不存在元素" + key);
    else
        System.out.println("元素" + key + "在数组中的下标是"
            + locale);
}
```

```
public static void main (String[] args) {  
    Random r = new Random();  
    int i = r.nextInt(1000);  
    int a = i % 10;  
    int b = (i % 100) / 10;  
    int c = i / 100;  
    System.out.println("a: " + a);  
    System.out.println("b: " + b);  
    System.out.println("c: " + c);  
    System.out.println("d: " + d);  
}  
  
public static void main (String[] args) {  
    int i, j;  
    for (i = 1; i <= 5; i++) {  
        for (j = 1; j <= i; j++) {  
            System.out.print(" ");  
        }  
        System.out.println();  
    }  
}
```

```

public static void main (String[] args) {
    int Sort[] = {1, 6, 2, 3, 7, 4, 5, 7, 8, 3};
    System.out.println("Initial Array");
    for (int i = 0; i < Sort.length; i++) {
        System.out.print(Sort[i] + " ");
    }
    System.out.println();
}

```

```

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

```

```

System.out.println("Sorted Array");
for (int i = 0; i < Sort.length; i++) {
    System.out.print(Sort[i] + " ");
}
}
}

```

```

public static void main (String[] args) {
    Scanner sc = new Scanner (System.in);
    System.out.println ("Enter 3 numbers");
    int a = sc.nextInt();
    int b = sc.nextInt();
    int c = sc.nextInt();
    int max = (a > b ? a : b) > c ? (a > b ? a : b) : c;
    int min = (a < b ? a : b) < c ? (a < b ? a : b) : c;

    System.out.println (min + " < " + a + " < " + b + " < " + max);
}
}

```

```
public static void main (String[] args) {  
    String arr[] = {"西游记", "鹿鼎记", "红楼梦", null, null};  
  
    for (int i = 0; i < arr.length; i++) {  
        if (arr[i] == null) {  
            arr[i] = "水浒传";  
  
            break;  
        }  
    }  
    for (int i = 0; i < arr.length; i++) {  
        System.out.println(arr[i]);  
    }  
}
```

```

public static void main(String[] args) {
    Scanner sc = new Scanner(System.in);
    int a = sc.nextInt();
    int b = sc.nextInt();
    int c = sc.nextInt();
    if (a+b > c && a+c > b && b+c > a && a > 0 && b > 0 && c > 0) {
        b*b == a*a + c*c || c*c == a*a + b*b || a*a == b*b + c*c
        System.out.println(a);
        System.out.println(b);
        System.out.println(c);
    }
    if (a*a == b*b + c*c) {
        int m = b*c/2;
        System.out.println("以a为斜边的直角三角形面积为:" + m);
    }
    else if (b*b == c*c + a*a) {
        int x = a*c/2;
        System.out.println("以b为斜边的直角三角形面积为:" + x);
    }
    else if (c*c == a*a + b*b) {
        int y = b*a/2;
        System.out.println("以c为斜边的直角三角形面积为:" + y);
    }
    else {
        System.out.println("无法组成直角三角形, 请重新输入");
    }
}
}

```

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```

public static void main (String[] args) {
    int arr1[] = {1, 2, 3, 64, 16};
    System.out.println(arr1.length);
    System.out.println(arr1[0].length);
    System.out.println(arr1[1].length);
    System.out.println(arr1[2].length);
    System.out.println(arr1[3].length);
    System.out.println(arr1[4].length);
}
}

```

```

public static void main (String[] args) {
    int arr1[] = {1, 2, 3, 64, 16};
    int max = 0;
    int x = -1, y = -1;
    for (int i = 0; i < arr1.length; i++) {
        for (int j = 0; j < arr1[i].length; j++) {
            if (arr1[i][j] > max) {
                max = arr1[i][j];
                x = i; y = j;
            }
            System.out.println(arr1[i][j] + " ");
        }
        System.out.println();
    }
    System.out.println("这个数组中最大的值是 " + max);
    System.out.println("它是第 " + x + " 行, 第 " + y + " 列");
}
}

```



```
public static void main (String[] args) {  
    int arr[] = {18, 28, 37, 46, 50, 8};  
    for (int start = 0, end = arr.length - 1; start <= end; start++, end--) {  
        int temp = arr[start];  
        arr[start] = arr[end];  
        arr[end] = temp;  
    }  
    for (int i = 0; i < arr.length; i++) {  
        System.out.println(arr[i]);  
    }  
}
```

```

public static void main(String[] args){
    Scanner sc = new Scanner(System.in);
    double count = 0;
    double arr[] = new double[10];
    System.out.println("请输入10个数:");

    for (int b = 1; b < 10; b++) {
        arr[b] = sc.nextDouble();
        count += arr[b];
    }

    System.out.println("平均数: " + count / 10);
    System.out.println("最大数: " + arr[0]);
}

for (int b = 0; b < 10; b++) {
    if (arr[b] > count) {
        System.out.println(arr[b] + " ");
    }
}
}
}

```

```

public static void main (String[] args){
    int arr1[] = {1,3,5} , {5,7,10};
    int arr2[] = new int[] {6,5,12,5,12,7,2};
    int arr3[] = new int[] {};

    arr3[0] = new int[] {6,5,7};
    arr3[0][0] = 6; arr3[0][1] = 10; arr3[0][2] = 7;

    System.out.println(arr1[0]);
    System.out.println(arr1[0][1]);
    System.out.println(arr1[0][2]);

    System.out.println(arr2[0]);
    System.out.println(arr2[0][1]);
    System.out.println(arr2[0][2]);
    System.out.println(arr3[0][0]);
    System.out.println(arr3[0][1]);
    System.out.println(arr3[0][2]);
}
}

```

```
public static void main(String[] args) {  
    Scanner sc = new Scanner(System.in);  
    double count = 0;  
    double arr[] = new double[10];  
    System.out.println("请输入10个数:");
```

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

```
    {
```

```
        arr[i] = sc.nextDouble();
```

```
        count += arr[i];
```

```
    }
```

```
    System.out.println("平均数为" + count / 10);
```

```
    System.out.println("最大值和最小值是:");
```

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

```
        if (arr[i] > count) {
```

```
            System.out.println(arr[i] + " ");
```

```
        }
```

```
    }
```

```
    }
```

```
    }
```

```
}
```

```

public static void main (String[] args) {
    String names[] = {"子怡", "张静初", "张静初", "张静初", "张静初"};
    int index = -1;
    for (int i = 0; i < names.length - 1; i++) {
        if (names[i].equals("张静初")) {
            index = i;
            break;
        }
    }
    for (int i = index; i < names.length - 1; i++) {
        names[i] = names[i + 1];
    }
    names[names.length - 1] = null;
    for (int i = 0; i < names.length; i++) {
        System.out.println(names[i]);
    }
}
}

```

```

public static void main(String[] args) {
    System.out.println("Hello A");
    int[] arr = {1, 4, 7, 73, 60};
    int max = arr[0];
    for (int x = 1; x < arr.length; x++) {
        if (arr[x] > max) {
            max = arr[x];
        }
    }
    System.out.println("max" + max);
}
}

```

```

public static void main(String[] args) {
    int arr1[] = {'a', 'w', 'e', 'r', 't', 'y', 'u', 'i', 'o', 'p'};
    int arr2[] = {'a', 's', 'd', 'f', 'g', 'h', 'j', 'k', 'l'};
    int arr3[] = {'z', 'x', 'c', 'v', 'b', 'n', 'm'};
    System.out.println("arr1 length");
    System.out.println("arr2 length");
    System.out.println("arr3 length");
}

```



```
public static void main (String[] args)
{
    int [] arr = new int [3];
    double [] darr = new double [3];
    System.out.println(arr);
    System.out.println(arr[0]);
    System.out.println(arr[1]);
    System.out.println(arr[2]);
}
}
```

```
public static void main (String[] args) {
    int [] arr = {1, 2, 3, 4, 5};
    for (int x = 0; x < arr.length; x++)
        System.out.println(arr[x]);
}
}
```

```

public static void main(String[] args) {
    int arr[] = {1, 2, 3, 4, 5, 6, 7};
    int sum = 0;
    for (int i = 0; i < arr.length; i++) {
        sum += arr[i];
    }
    for (int x: arr) sum += x;
    System.out.println(sum);
}
}

```

```

public static void main(String[] args) {
    int[] arr = new int[5];
    Arrays.fill(arr, 8);
    for (int i = 0; i < arr.length; i++) {
        System.out.println(arr[i]);
    }
    int[] arr2 = {1, 2, 3, 4, 5, 6, 7, 8, 9};
    Arrays.fill(arr2, fromIndex: 1, toIndex: 4, val);
    for (int i = 0; i < arr2.length; i++) {
        System.out.println(arr2[i]);
    }
}
}

```