**作业\_2**

**作业代码：**

package test\_1;  
  
public class HomeWork {  
 public static void main(String args[]){  
 System.*out*.print("第一题：");  
 *homework\_1*();  
 System.*out*.print("\n" + "第二题：");  
 *homework\_2*();  
 System.*out*.print("\n" + "第三题：");  
 *homework\_3*();  
 System.*out*.print("\n" + "第四题：");  
 *homework\_4*();  
 System.*out*.print("\n" + "第五题：");  
 *homework\_5*();  
 System.*out*.print("\n" + "第六题：");  
 *homework\_6*();  
 }  
  
 public static void homework\_1(){  
 int a[] = {1,23,6,74,8,19,104};  
 int temp = 0; //设置中间变量  
 //对数组进行冒泡排序  
 for(int i = 0; i < a.length-1; i++ ){  
 for(int j = 0; j < a.length-1; j++){  
 if(a[j] > a[j+1]){  
 temp = a[j];  
 a[j] = a[j+1];  
 a[j+1] = temp;  
 }  
 }  
 }  
 for(int i = 0; i < a.length; i++){  
 System.*out*.print(a[i]);  
 System.*out*.print("\t");  
 }  
 }  
  
 public static void homework\_2(){  
 int arr1[] = {1,2,3,4,5,5,5,5,5,6,7,8,9};  
 int arr2[] = new int[arr1.length]; //新建用于储存删除5元素后的新数组  
 int j = 0;  
 for(int i = 0; i < arr1.length; i++){  
 if(arr1[i] != 5){ //判断数组元素是否不等于5  
 arr2[j] = arr1[i]; //将不等于5的数组元素存进新数组  
 j++;  
 }  
 }  
 for(int i = 0; i < j ; i++){ //新数组遍历输出  
 System.*out*.print(arr2[i] + "\t");  
 }  
 }  
 public static void homework\_3(){  
 int data1 [] = {1,3,5,7,9};  
 int data2 [] = {2,4,6,8,10};  
 //新建一个数组newdata，长度为data1与data2的长度相加  
 int newdata [] = new int [data1.length+data2.length];  
 //将data1中的元素复制到newdata  
 for(int i = 0; i < data1.length; i++){  
 newdata[i] = data1[i];  
 }  
 //将data2中的元素复制到newdata  
 for(int j = 0; j < data2.length; j++){  
 newdata[data1.length+j] = data2[j];  
 }  
 //将数组newdata进行排序  
 int temp = 0;  
 for(int i = 0; i < newdata.length-1; i++){  
 for(int j = 0; j < newdata.length-1; j++){  
 if(newdata[j] > newdata[j+1]){  
 temp = newdata[j];  
 newdata[j] = newdata[j+1];  
 newdata[j+1] = temp;  
 }  
 }  
 }  
 //newdta排序后遍历输出  
 for(int i = 0; i < newdata.length; i++){  
 System.*out*.print(newdata[i] + "\t");  
 }  
 }  
  
 public static void homework\_4(){  
 String str1 = "小彬";  
 String str2 = "hello world!";  
 System.*out*.print(str1.concat(str2)); //使用concat将字符串str1与str2进行连接  
 }  
  
 public static void homework\_5(){  
 String str = "1,2,3,4,5,6,7";  
 String [] arr = str.split(","); //使用split对字符串进行分割，并存进数组arr  
 for(int i = 0; i < arr.length; i++){ //遍历输出数组  
 System.*out*.print(arr[i] + "\t");  
 }  
 }  
  
 public static void homework\_6(){  
 String str1 = "Hello World!";  
 char [] str3 = str1.toCharArray(); //将字符串str1转化成字符数组str3  
 int cnt = 0; //用于记录字符出现次数  
 for(int i = 0; i < str3.length; i++){ //遍历数组，并记录字符 l 出现次数  
 if(str3[i] == 'l'){  
 cnt++;  
 }  
 }  
 System.*out*.print(cnt);  
 }  
}

**运行结果：**

