实验源码：

import java.util.Scanner;  
  
public class JiechenSum {  
 public JiechenSum() {  
 }  
  
 public static int Jsum(int n) {  
 int sum = 0;  
 int tmp = 1;  
  
 for(int i = 1; i <= n; ++i) {  
 tmp \*= i;  
 sum += tmp;  
 }  
  
 return sum;  
 }  
  
 public static void PrimeNumber() {  
 int maxn = 101;  
 int pnum = 0;  
 int[] prime = new int[maxn];  
 boolean[] p = new boolean[maxn];  
  
 int i;  
 for(i = 2; i < maxn; ++i) {  
 if (!p[i]) {  
 prime[pnum++] = i;  
  
 for(int j = i + i; j < maxn; j += i) {  
 p[j] = true;  
 }  
 }  
 }  
  
 System.*out*.printf("this is output of ex2:\n");  
  
 for(i = 0; i < pnum; ++i) {  
 System.*out*.printf("%d ", prime[i]);  
 }  
  
 System.*out*.printf("\n");  
 }  
  
 public static void Sting() {  
 String[] text = new String[]{"bye-bye", "爱国", "诚信", "友善"};  
 Scanner reader = new Scanner(System.*in*);  
 System.*out*.println("this is output of ex3:");  
  
 int n;  
 do {  
 n = reader.nextInt();  
 System.*out*.printf("%s\n", text[n]);  
 } while(n != 0);  
  
 }  
  
 public static void maxNumber() {  
 int max = 0;  
  
 int n;  
 for(n = 100; max < 6666; max = n \* (n + 1) / 2) {  
 ++n;  
 }  
  
 System.*out*.println(n);  
 }  
  
 public static void greatNumber() {  
 System.*out*.println("this is output of ex5:\n");  
  
 for(int i = 2; i < 6; ++i) {  
 double n = Math.*pow*(2.0, (double)(i - 1)) \* (Math.*pow*(2.0, (double)i) - 1.0);  
 System.*out*.println(n);  
 }  
  
 }  
  
 public static void shuzuOutput() {  
 int[] num = new int[]{1, 3, 2, 4, 7, 6};  
  
 int i;  
 for(i = 0; i < num.length; ++i) {  
 System.*out*.printf("%d ", num[i]);  
 }  
  
 System.*out*.printf("\n");  
  
 int j;  
 int tmp;  
 for(i = 0; i < num.length; ++i) {  
 for(j = i + 1; j < num.length; ++j) {  
 if (num[i] > num[j]) {  
 tmp = num[i];  
 num[i] = num[j];  
 num[j] = tmp;  
 }  
 }  
 }  
  
 int[] var5 = num;  
 j = num.length;  
  
 for(tmp = 0; tmp < j; ++tmp) {  
 int s = var5[tmp];  
 System.*out*.printf("%d ", s);  
 }  
  
 System.*out*.printf("\n");  
 }  
  
 public static void main(String[] args) {  
 System.*out*.printf("this is output of ex1: %d\n", *Jsum*(10));  
 *PrimeNumber*();  
 *Sting*();  
 *maxNumber*();  
 *greatNumber*();  
 *shuzuOutput*();  
 }  
}

实验输出：



