

## 实验六三个题放一起

```
import java.util.Scanner;

public class 实验六 {

    public static void main(String[] args) {

        Scanner scanner = new Scanner(System.in);

        int temp = 0;

        System.out.println("请输入第一个整数");

        int a = scanner.nextInt();

        System.out.println("请输入第二个整数");

        int b = scanner.nextInt();

        if (a > b)

    }
```



f2c3fe0ae3288fc9b6e758f632061568.mp4

```
temp = b;

} else {

    temp = a;

}

while (temp>0) {

    if (a % temp == 0 && b % temp == 0) {

        break;
```

```
        }

        temp--;
    }

System.out.println("最大公约数为" + temp);

int numMax = 0;

numMax = ((a / temp) * (b / temp)*temp);

System.out.println("最小公倍数为" + numMax);

System.out.println("-----");

int[] arr = new int[5];

Scanner sc = new Scanner(System.in);

for (int i = 0; i < arr.length; i++) {

    System.out.println("请输入一个整数:");

    int num = sc.nextInt();

    arr[i] = num;

}

System.out.print("遍历结果是: ");

for (int i = 0; i < arr.length; i++) {

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

}

}
```

