

```
1 public class Solution {
2     public int min(int[] array) {
3         if(array==null||array.length==0){
4             return 0;
5         }
6         //先设最小值从index 为 0 开始
7         int min =array[0];
8         for (int i =1 ;i<array.length;i++){
9             if (min > array[i] ){
10                 min = array[i];
11             }
12         }
13         return min;
14     }
15 }
16
```

```
1 public class Solution {
2     public int sum(int[] array) {
3         if(array==null||array.length==0){
4             return 0;
5         }
6         int sum=0;
7         for (int i = 0; i <array.length;i++){
8             sum += array[i];
9         }
10        return sum;
11    }
12
13 }
14
```

```
1 public class Solution {
2     public void swap(int[] array, int i, int j) {//注意区分 swap 和 reverse
3         int temp = array [i];
4         array [i] =array [j];
5         array[j]=temp;
6     }
7 }
8
9
```

```
1 public class Solution {
2     public void reverse(int[] array) { //双指针
3         for(int i=0,j=array.length-1;i<j;i++,j--){
4             int temp=array[i];
5             array[i]=array[j];
6             array[j]=temp;
7         }
8     }
9 }
10
11
```

```
1 public class Solution {
2     public int sum(int[][] array) {
3         int sum=0;
4         //double for loops
5         for (int i=0;i<array.length;i++){//rows
6             for (int j=0;j<array[0].length;j++){//cols
7                 sum+= array[i][j];
8             }
9         }
10        return sum;
11    }
12 }
13
```

```
1 public class Solution {
2     public int sumOfSquare(List<Integer> list) {
3         if(list==null){
4             return 0;
5         }
6         int sum=0;
7         for(int i=0;i<list.size();i++){
8             sum+=list.get(i)*list.get(i);
9         }
10        return sum;
11    }
12 }
13
14
```