1、找单词游戏

```java
import java.util.*;

public class Main{

    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        String str = sc.nextLine() + ".";
        int cnt = 0;
        int max = 0;
        int min = Integer.MAX_VALUE;
        int start = 0;
        String minStr = "";
        String maxStr = "";
        char[] arr = str.toCharArray();
        for (int i = 0; i < arr.length; i++) {
            char c = arr[i];
            if (c == ' ' || c == ',' || c == '.') {
                if (cnt > max) {
                    max = cnt;
                    maxStr = str.substring(start, start + cnt);
                }
                if (cnt < min && cnt >= 1) {
                    min = cnt;
                    minStr = str.substring(start, start + cnt);
                }
                cnt = 0;
                start = i + 1;
            } else {
                cnt++;
            }
        }
        System.out.println(maxStr);
        System.out.println(minStr);
    }
}
```

2、工作日

```java
import java.util.*;

public class Main{

    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        long x = sc.nextLong() - 1;
        long n = sc.nextLong();
        long ans = (x + n) <= 6 && x < 5 ? 1 : 0;
        ans += n / 7 * 5;
        int mod = (int) (n % 7);
        for (int i = 0; i < mod; i++) {
            if ((x + i) % 7 < 5) {
```

```
                ans++;
            }
        }
        System.out.println(ans);
    }
}
```

3、到底去不去重

```java
import java.util.*;

public class Main{

    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        int n = sc.nextInt();
        boolean[] vis = new boolean[10001];
        for (int i = 0; i < n; i++) {
            int num = sc.nextInt();
            if (!vis[num]) {
                System.out.print(num + (i == n - 1 ? "" : " "));
                vis[num] = true;
            }
        }
    }
}
```

4、动态规划？最长上升子序列？

```java
import java.util.*;

public class Main{

    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        int n = sc.nextInt();
        int[] arr = new int[n];
        for (int i = 0; i < n; i++) {
            arr[i] = sc.nextInt();
        }
        int[] left = new int[n];
        int[] right = new int[n];
        int ans = 0;
        for (int i = 1; i < n; i++) {
            if (arr[i] > arr[i - 1]) {
                left[i] = left[i - 1] + 1;
            }
        }
        for (int i = n - 2; i >= 0; i--) {
            if (arr[i] > arr[i + 1]) {
                right[i] = right[i + 1] + 1;
            }
        }
        for (int i = 0; i < n; i++) {
            ans = Math.max(ans, 1 + left[i] + right[i]);
```

```
        }
        System.out.println(ans);
    }
}
```

5、小学生！检查作业！

```java
import java.util.*;

public class Main{

    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        int n = sc.nextInt();
        int ans = 0;
        for (int i = 0; i < n; i++) {
            for (int j = 0; j < 3; j++) {
                String str = sc.next();
                String[] split = str.split("=");
                String[] split1 = split[0].split("\\+");
                int v = Integer.parseInt(split1[0]) +
Integer.parseInt(split1[1]);
                if(v != Integer.parseInt(split[1])){
                    ans++;
                }
            }
        }
        System.out.println(ans);
    }
}
```