

1. case3_01

```
Package case3;
```

```
import java.util.Scanner;
```

```
Public class case3_01{
```

```
Public static void main(String[] args){
```

```
System.out.println("请输入数字");
```

```
Scanner sc = new Scanner(System.in);
```

```
int f = sc.nextInt();
```

```
if(f%2 == 0){
```

```
System.out.println("为偶数");
```

```
}else{
```

```
System.out.println("为奇数");}
```

2. case3_02

```
package case3
```

```
import java.util.Scanner;
```

```
Public class case3_02{
```

```
Public static void main(String[] args){
```

```
System.out.println("请输入分数");
```

```
Scanner sc = new Scanner(System.in);
```

```
int a = sc.nextInt();
```

```
if(a >= 90){
```

```
System.out.println("奖励游戏机");
```

```
}else if(a < 90 && a >= 80{
```

```
System.out.println("奖励100");
```

```

} else if (a < 80 & a >= 70) {
    system.out.println("奖励 50");
} else {
    system.out.println("没有奖励");
}
system.out.println("没有奖励");
}
system.out.println("结束");
}

```

3 case3_03

```

package case3;
import java.util.Scanner;
public class volh main(String[] args) {
    system.out.println("输入月份");
    scanner sc = new scanner(system.in);
    int month = sc.nextInt();
    switch (month) {
        case 3: case 4: case 5:
            system.out.println("春");
            break;
        case 6: case 7: case 8:
            system.out.println("夏");
            break;
        case 9: case 10: case 11:
            system.out.println("秋");
            break;
        case 12: case 1: case 2:
            system.out.println("冬");

```

```
break;  
default:  
    system.out.println("无数");  
    break; } }
```

4 case3_04

```
package case3;  
public class case3_04 {  
    public static void main (String[] args) {  
        int z=1;  
        int f=0;  
        while (z<=5) {  
            f+=z;  
            z++; }  
        system.out.println("结果是:" + f); } }
```

5 case3_05

```
package case3;  
public class case3_05 {  
    public static void main (String[] args) {  
        float f=0.1f;  
        int z=0;  
        while (f!=8844470) {  
            f*=2;  
            z++; }  
        system.out.println("结果是:" + z); } }
```

6 case3_06

```
package case3;
```

```
public class case3_06 {
```

```
    public static void main(String[] args) {
```

```
        int f = 0;
```

```
        for (int i = 1; i <= 5; i++) {
```

```
            f += i;
```

```
            System.out.println(f);
```

7. case3_07

```
package case3;
```

```
public static void main(String[] args) {
```

```
    int z = 0
```

```
    for (int f = 1; f <= 100; f += 2) {
```

```
        z += f;
```

```
        System.out.println(z);
```

8. case3_08

```
package case3;
```

```
public static void main(String[] args) {
```

```
    for (int z = 100; z <= 999; z++) {
```

```
        int a = z % 10;
```

```
        int b = z / 10 % 10;
```

```
        int c = z / 10 / 10 % 10;
```

```
        if (a * a * a + b * b * b + c * c * c == z) {
```

```
            System.out.println(z);
```


9 case3_09

```
Package case3;
```

```
import java.util.Scanner;
```

```
Public class case3_09{
```

```
Public static void main(String[] args){
```

```
System.out.println("请输入一个整数");
```

```
Scanner sc = new Scanner(System.in);
```

```
int num = sc.nextInt();
```

```
int num1 = 1, num2 = 1, 2;
```

```
for(int i = 2; i < num; i++){
```

```
2 = num2;
```

```
num2 += num1;
```

```
num1 = 2; }
```

```
System.out.println(num2); }
```

10. case3_10

```
Package case3;
```

```
import java.util.Scanner;
```

```
Public class case3_10{
```

```
Public static void main(String[] args){
```

```
Scanner sc = new Scanner(System.in);
```

```
int a = sc.nextInt();
```

```
int h, q, 2;
```

```
for(h = 1; h <= a; h++){
```

```
for(q = 1; q <= a - h; q++){
```

```

system.out.print(" "); }
for (z=1; z=2*k-1; z++) {
    system.out.print("*"); }
system.out.println(); } } }

```

11 case3_11

```

package case3;
public class case3_11 {
    public static void main(String[] args) {
        int f=0;
        for (int i=1; i<8; i++) {
            for (int z=1; z<8; z++) {
                f++;
                if (i==2 && z==5) {
                    break; }
            }
            system.out.println(i+" "+z+" "+f); } } }

```

12. case3_12.

```

package case3;
public class case3_12 {
    public static void main(String[] args) {
        for (int i=1; i<=4; i++) {
            for (int z=1; z<=10; z++) {
                if (z==10 || z==1) {
                    system.out.print("以信");
                    continue; }
                system.out.print("可信"); }
            system.out.println(); } } }

```

13 case3-13

```
Package case3; import java.util.Random; import  
Public class case3-13 {  
Public static void main (String[] args) {  
System.out.println("输入数字");  
Random r = new Random();  
int f = 2, nextInt(100) + 1;  
while (true) {  
Scanner sc = new Scanner (System.in);  
int num = sc.nextInt();  
if (num < f) {  
System.out.println("猜小了"); }  
else if (num > f) {  
System.out.println("猜大了"); }  
else if (num == f) {  
System.out.println("猜对了");  
break; } } }
```

14 If demo - 01

```
Package If  
Public class Ifdemo_01 {  
Public static void main (String[] args) {  
System.out.println("If demo");  
int a = 10;  
int b = 20;
```

```

if (a == b) {
    System.out.println("a 等于 b");
}
int c = 10;
if (a == c) {
    System.out.println("a 等于 c");
}
System.out.println("结束");
}

```

15. Itdemo_02

Package It

```

But Public class Itdemo_02 {
    Public static void main (String[] args) {
        System.out.println("开始");
        int a = 10;
        int b = 20;
        if (a > b) {
            System.out.println("a 大于 b");
        }
        else {
            System.out.println("a 不大于 b");
        }
        System.out.println("结束");
    }
}

```

16. Itdemo_03

Package It

```

import java.util.Scanner;
Public class Itdemo_03 {
    Public static void main (String[] args) {
        System.out.println("开始");
    }
}

```



```

Scanner sc = new Scanner(System.in);
System.out.println("请输入星期 (1-7)");
int week = sc.nextInt();
if (week == 1) {
    System.out.println("周一");
} else if (week == 2) {
    System.out.println("周二");
} else if (week == 3) {
    System.out.println("周三");
} else if (week == 4) {
    System.out.println("周四");
} else if (week == 5) {
    System.out.println("周五");
} else if (week == 6) {
    System.out.println("周六");
} else {
    System.out.println("周日");
    System.out.println("结束");
}

```

17. Switch demo

```

Package It;
import java.util.Scanner;
Public class Switchdemo {
    Public static void main (String[] args) {
        Scanner sc = new Scanner(System.in);
    }
}

```

```
System.out.println("请输入成绩");
```

```
int grade = sc.nextInt();
```

```
switch(grade){
```

```
    case 10: case 9:
```

```
        System.out.println("优秀");
```

```
        break;
```

```
    case 8:
```

```
        System.out.println("为良");
```

```
        break;
```

```
    case 7: case 6:
```

```
        System.out.println("为中");
```

```
    case 5: case 4: case 3: case 2: case
```

```
        System.out.println("为差");
```

```
        break;
```

```
    default:
```

```
        System.out.println("无效");
```

```
        break; } }
```

18 whiledemo

```
package while;
```

```
public class whiledemo{
```

```
    public static void main(String[] args){
```

```
        int i = 1;
```

```
        while (i <= 10){
```

```
            System.out.println("Hello world");
```

```
            i++; } }
```

19 multiplication

```
package WHILE;
```

```
public class multiplication {
```

```
    public static void main (String[] args) {
```

```
        int i, j;
```

```
        for (i = 1; i <= 5; i++) {
```

```
            for (j = 1; j <= i; j++) {
```

```
                System.out.println(i + "*" + j + "=" + i * j + "\t");
```

```
            }  
        }  
    }  
}
```

20 for demo

```
package WHILE;
```

```
public class for demo {
```

```
    public static void main (String[] args) {
```

```
        for (int i = 1; i <= 5; i++) {
```

```
            System.out.println(i);
```

```
        }  
        for (int i = 5; i >= 1; i--) {
```

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

21 continue test

```
package WHILE;
```

```
public class continue test {
```

```
    public static void main (String[] args) {
```

```
        for (int i = 1; i <= 20; i++) {
```

```
            if (i % 2 != 0) {
```

```
                continue;
```

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

22. breaktest01

```
Package WHILE;
```

```
Public class breaktest01 {
```

```
    Public static void main (String[] args) {
```

```
        for (int i=1; i<20; i++) {
```

```
            if (i%20==0) {
```

```
                System.out.println(i);
```

```
                break; } }
```

```
        System.out.println("--end--"); }
```

23. breaktest02

```
Package WHILE;
```

```
Public class breaktest02 {
```

```
    Public static void main (String[] args) {
```

```
        loop: for (int i=0; i<3; i++) {
```

```
            for (int j=0; j<6; j++) {
```

```
                if (j==4) {
```

```
                    break loop; }
```

```
            System.out.println("i="+i+" j="+j); }
```

24. Randomdemo

```
Package WHILE; import java.util.Random
```

```
Public class Randomdemo { Public static void main
```

```
    { Random r= new Random(); for (int i=0; i<
```

```
        int number = r.nextInt(bound: 10);
```

```
        System.out.println("number:" + number); }
```

```
        int x= r.nextInt(bound: 100)+1;
```

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