1. Check if a number is divisible by 5

```
import java.util.Scanner;
class DivisibleByFive {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        int number = sc.nextInt();
        if (number % 5 == 0) {
            System.out.println("Is the number " + number + " divisible by 5? Yes");
        } else {
            System.out.println("Is the number " + number + " divisible by 5? No");
        }
    }
}
```

2. Check if the first number is the smallest

```
import java.util.Scanner;
class SmallestOfThree {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        int a = sc.nextInt();
        int b = sc.nextInt();
        int c = sc.nextInt();
        if (a < b && a < c) {
            System.out.println("Is the first number the smallest? Yes");
        } else {
            System.out.println("Is the first number the smallest? No");
        }
    }
}
```

3. Check which number is the largest

```
import java.util.Scanner;
class LargestOfThree {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        int a = sc.nextInt();
        int b = sc.nextInt();
        int c = sc.nextInt();
        System.out.println("Is the first number the largest? " + (a > b && a > c));
        System.out.println("Is the second number the largest? " + (b > a && b > c));
        System.out.println("Is the third number the largest? " + (c > a && c > b));
    }
}
```

4. Sum of n natural numbers

```
import java.util.Scanner;
class SumNatural {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        int n = sc.nextInt();
        if (n > 0) {
            int sum = n * (n + 1) / 2;
            System.out.println("The sum of " + n + " natural numbers is " + sum);
        } else {
            System.out.println("The number " + n + " is not a natural number");
        }
    }
}
```

5. Check if person can vote

```
import java.util.Scanner;
class VotingCheck {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        int age = sc.nextInt();
        if (age >= 18) {
            System.out.println("The person's age is " + age + " and can vote.");
        } else {
            System.out.println("The person's age is " + age + " and cannot vote.");
        }
    }
}
```

6. Check if number is positive, negative or zero

```
import java.util.Scanner;
class NumberCheck {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        int num = sc.nextInt();
        if (num > 0) {
            System.out.println("positive");
        } else if (num < 0) {
            System.out.println("negative");
        } else {
            System.out.println("zero");
        }
    }
}
```

7. Spring Season Checker

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

```
class SpringSeason {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        int month = sc.nextInt();
        int day = sc.nextInt();
        if ((month == 3 && day >= 20) || (month == 6 && day <= 20) || (month > 3 && mo
            System.out.println("Its a Spring Season");
        } else {
            System.out.println("Not a Spring Season");
        }
    }
}
```

8. Countdown using while loop

```
import java.util.Scanner;
class CountdownWhile {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        int counter = sc.nextInt();
        while (counter >= 1) {
            System.out.println(counter);
            counter--;
        }
    }
}
```

9. Countdown using for loop

```
import java.util.Scanner;
class CountdownFor {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        int counter = sc.nextInt();
        for (int i = counter; i >= 1; i--) {
            System.out.println(i);
        }
    }
}
```

10. Sum until user enters 0

```
import java.util.Scanner;
class SumUntilZero {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        double total = 0.0;
        while (true) {
            double num = sc.nextDouble();
```

```
            if (num == 0) break;
            total += num;
        }
        System.out.println("Total sum is " + total);
    }
}
```