```
import java.util.Scanner;

class OddEvenNumbers {
    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);
        System.out.print("Enter a number: ");
        int number = input.nextInt();
        for (int i = 1; i <= number; i++) {
            System.out.println(i + " is " + (i % 2 == 0 ? "Even" : "Odd"));
        }
        input.close();
    }
}
```

```
import java.util.Scanner;

class EmployeeBonus {
    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);
        System.out.print("Enter salary: ");
        double salary = input.nextDouble();
        System.out.print("Enter years of service: ");
        int years = input.nextInt();
        if (years > 5) {
            double bonus = 0.05 * salary;
            System.out.println("Bonus: " + bonus);
        } else {
            System.out.println("No bonus");
        }
        input.close();
    }
}
```

```
import java.util.Scanner;

class MultiplicationTable {
    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);
        System.out.print("Enter a number: ");
        int number = input.nextInt();
        for (int i = 6; i <= 9; i++) {
            System.out.println(number + " * " + i + " = " + (number * i));
        }
        input.close();
```

```
    }
}

import java.util.Scanner;

class FizzBuzz {
    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);
        System.out.print("Enter a number: ");
        int number = input.nextInt();
        for (int i = 1; i <= number; i++) {
            if (i % 3 == 0 && i % 5 == 0) System.out.println("FizzBuzz");
            else if (i % 3 == 0) System.out.println("Fizz");
            else if (i % 5 == 0) System.out.println("Buzz");
            else System.out.println(i);
        }
        input.close();
    }
}

import java.util.Scanner;

class FizzBuzzWhileLoop {
    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);
        System.out.print("Enter a number: ");
        int number = input.nextInt();
        int i = 1;
        while (i <= number) {
            if (i % 3 == 0 && i % 5 == 0) System.out.println("FizzBuzz");
            else if (i % 3 == 0) System.out.println("Fizz");
            else if (i % 5 == 0) System.out.println("Buzz");
            else System.out.println(i);
            i++;
        }
        input.close();
    }
}

import java.util.Scanner;

class YoungestTallestFriend {
    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);
```

```
        int[] ages = new int[3];
        double[] heights = new double[3];
        String[] names = {"Amar", "Akbar", "Anthony"};

        for (int i = 0; i < 3; i++) {
            System.out.print("Enter age of " + names[i] + ": ");
            ages[i] = input.nextInt();
            System.out.print("Enter height of " + names[i] + ": ");
            heights[i] = input.nextDouble();
        }

        int minAge = ages[0], youngestIndex = 0;
        double maxHeight = heights[0];
        int tallestIndex = 0;

        for (int i = 1; i < 3; i++) {
            if (ages[i] < minAge) {
                minAge = ages[i];
                youngestIndex = i;
            }
            if (heights[i] > maxHeight) {
                maxHeight = heights[i];
                tallestIndex = i;
            }
        }

        System.out.println("Youngest friend: " + names[youngestIndex]);
        System.out.println("Tallest friend: " + names[tallestIndex]);
        input.close();
    }
}

import java.util.Scanner;

class FactorsOfNumber {
    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);
        System.out.print("Enter a number: ");
        int number = input.nextInt();
        for (int i = 1; i < number; i++) {
            if (number % i == 0) {
                System.out.println(i);
            }
        }
```

```
        input.close();
    }
}

import java.util.Scanner;

class GreatestFactor {
    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);
        System.out.print("Enter a number: ");
        int number = input.nextInt();
        int greatestFactor = 1;
        for (int i = number - 1; i > 1; i--) {
            if (number % i == 0) {
                greatestFactor = i;
                break;
            }
        }
        System.out.println("Greatest factor: " + greatestFactor);
        input.close();
    }
}

import java.util.Scanner;

class PowerOfNumber {
    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);
        System.out.print("Enter base number: ");
        int number = input.nextInt();
        System.out.print("Enter power: ");
        int power = input.nextInt();
        int result = 1;
        for (int i = 1; i <= power; i++) {
            result *= number;
        }
        System.out.println("Result: " + result);
        input.close();
    }
}

import java.util.Scanner;

class MultiplesBelow100 {
```

```
    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);
        System.out.print("Enter a number: ");
        int number = input.nextInt();
        for (int i = 100; i >= 1; i--) {
            if (i % number == 0) {
                System.out.println(i);
            }
        }
        input.close();
    }
}
```