```java
import java.util.Random;

public class OneOfEachStats {
    public static void main(String[] args) {

        double T = Integer.parseInt(args[0]);
        int seed = Integer.parseInt(args[1]);

        int countT = 0;
        int TwoChildren = 0;
        int ThreeChildren = 0;
        int FourOrMore = 0;

        int max = 0;
        String MostCommon = "";

        boolean GirlBorn = false;
        boolean BoyBorn = false;

        Random generator = new Random(seed);

        for(int i = 0; i < T; i++) {
            GirlBorn = false;
            BoyBorn = false;
            int count = 0;

            while(!(BoyBorn && GirlBorn)) {
                if (generator.nextDouble() <= 0.5) {
                    GirlBorn = true;

                }
                else {
                    BoyBorn = true;
                }
                count++;
            }
            countT += count;

            if (count == 2) {
                TwoChildren++;
            } else if (count == 3) {
                ThreeChildren++;
            } else {
                FourOrMore++;
            }
            if (count > max) {
                max = count;
            }

            if (TwoChildren >= ThreeChildren && TwoChildren >= FourOrMore) {
                MostCommon = "2.";
            } else if (ThreeChildren >= FourOrMore) {
                MostCommon = "3.";
            } else {
                MostCommon = "4 or more.";
            }

    }
        System.out.println("Average: " + (countT / T) + " children to get at least
        one of each gender.");
        System.out.println("Number of families with 2 children: " + TwoChildren);
        System.out.println("Number of families with 3 children: " + ThreeChildren);
        System.out.println("Number of families with 4 or more children: " + FourOrMore
        );
        System.out.println("The most common number of children is " + MostCommon);
    }
}
```

```java
public class Perfect {
    public static void main(String[] args) {
        int x = Integer.parseInt(args[0]);

        int num = 1;
        int sum = 0;
        String divisors = x + " is a perfect number since " + x + " = ";
        while (num <= x / 2) {
            if (x % num == 0) {
                sum += num;
                divisors += num;
                if (num < x / 2) {
                    divisors += " + ";
                }
            }
            num++;
        }
        if (sum == x) {
            System.out.println(divisors);
        }
        else {
            System.out.println(x + " is not perfect number");
        }
    }
}
```

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

        int BoardSize = Integer.parseInt(args[0]);

        for (int i = 0; i < BoardSize; i++) {
            for (int j = 0; j < BoardSize; j++) {
                if (i % 2 == 0) {
                    System.out.print("* ");
                } else {
                    System.out.print(" *");
                }
            }
            System.out.println();
        }
    }
}
```

```java
public class Divisors {
    public static void main(String[] args) {
        int x = Integer.parseInt(args[0]);

        for (int num = 1; num <= x; num++) {
            if (x % num == 0) {
                System.out.println(num);
            }
        }
    }
}

```

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

        int x = (int)(10.0 * Math.random());
        System.out.print( x + " ");
        int y = (int)(10.0 * Math.random());


        while (x <= y) {
            System.out.print( y + " ");
            x = y;
            y = (int)(10.0 * Math.random());
        }
    }
}
```

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

        String s = args[0];
        int length = s.length();
        int i = s.length() - 1;

        while(i >= 0) {
            System.out.print(s.charAt(i));
            i--;
        }
        int middleChar = (length - 1) / 2;
        System.out.println("\nThe middle character is " + s.charAt(middleChar));
    }
}
```