```java
/**
 *   ejercicios de recursión 1 de codingbat
 *
 */


public class Coding
{
    public static int factorial(int n) {
        if( n == 0){
            return 1;
        }else if( n == 1){
            return 1;
        }else{
            return n * factorial(n - 1);
        }
    }

    public int bunnyEars(int bunnies) {
        if(bunnies == 0){
            return 0;
        }else if( bunnies == 1){
            return 2;
        }else{
            return 2 + bunnyEars(bunnies - 1);
        }
    }

    public int bunnyEars2(int bunnies) {
        if( bunnies == 0){
            return 0;
        }else if(bunnies % 2 == 0){
            return 3 + bunnyEars2(bunnies - 1);
        }else{
            return 2 + bunnyEars2(bunnies - 1);
        }
    }

    public int triangle(int rows) {
        if(rows == 0){
            return 0;
        }else if(rows == 1){
            return 1;
```

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        }else{
            return rows + triangle(rows - 1);
        }
    }

public int sumDigits(int n) {
    if(n < 10){
     return n;
    }else{
     return n % 10 + sumDigits(n / 10);
    }
}
```