Description:

The PrimeFactor Kata (via Uncle Bob)

- Write a class named "PrimeFactors" that has one static method: generate.
- The generate method takes an integer argument and returns a List<Integer>. That list contains the prime factors in numerical sequence.

Tasks:

- 1. the primeFactor of 1 is empty
- 2. the primeFactor of 2 is 2
- 3. the primeFactor of 3 is 3
- 4. the primeFactor of 4 is 2, 2
- 5. the primeFactor of 9 is 3, 3
- 6. the primeFactor of 45 is 3, 3, 5

The PrimeComposite Kata

- Write a program that prints numbers within specified range lets say 1 to
- If number is ```prime``` print 'prime' instead of the number.
- If number is ```composite``` but not ```even``` print 'composite' instea
- Else print number.
- Reference(s)
 - [Prime numbers](https://en.wikipedia.org/wiki/Prime_number),
 - [Composite numbers](https://en.wikipedia.org/wiki/Composite_number),
 - [odd even](https://en.wikipedia.org/wiki/Parity_(mathematics))

Tasks:

- 1. print 1 for number 1: input (1,1), print 1
- 2. print prime for number prime:
 - a. input (1,2), print 1, prime
 - ы input (1,3), print 1, prime, prime
- 3. print number for number "composite but even"
 - a. input (1,4), print 1, prime, prime, 4
- 4. print composite for number "composite and not even"
 - a. input (1,9), print 1, prime, prime, 4, prime, 6, prime, 8, composite