1. Write a function called `isPrime` that takes as argument a positive integer `n` and returns `True` if `n` is prime and returns `False` otherwise.

2. Write a program that reads as input two positive integers, `m` and `n`, `m ≤ n`, and prints out all prime numbers between `m` and `n`. This program should repeatedly call the `isPrime` function that you defined for Problem 1.

3. Write a function called `intToBinary` that takes a non-negative `n` as argument and returns a string that is the binary equivalent of `n`.

4. Write a function called `printBinary` that takes as argument a non-negative integer `n` and prints the numbers 1 through `n` in binary. This function should repeatedly call the `intToBinary` function.