

22C:16 Homework 4

Due via ICON on Wednesday, Feb 23rd, 4:59 pm

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`, $m \leq n$, 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.
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