

ICS 6D—Winter 2024 (Dillencourt)  
Practice problem for Test 3

1. Compute the GCD of the numbers 55 and 651 using Euclid's algorithm. As evidence that you have computed it correctly, answer the following two questions:
  - (a) Write down the sequence of numbers generated by Euclid's algorithm. (Note: the sequence of numbers generated by Euclid's algorithm consists of the two input numbers and the computed remainders, arranged in descending order.)
  - (b) What is  $\gcd(55, 651)$ ?