Name:

Prompt: Create a program in python that finds the inverse of **a** modular **b**. The program should input two numbers ad output the inverse. Make sure to check that gcd(a,b)=1.

Input: Two integers **a** and **b**.

Output: inverse a modular b=> **x**

Test the algorithm to make sure that it runs as expected. Give 3 examples.

**WHAT TO TURN IN:** Turn in one .py file named Lab3.py. Tester file Lab3Test.py