Lab 2

1. Write a program to implement Euclidean and Extended Euclidean algorithms

2. Write a program to implement binary integer addition and multiplication.

3. Write a program to implement Boolean matrix operations join, meet, and Boolean product

4 Write a program to find prime factors of a number.

5 Write a program to implement the concept of linear congruence.

6 Write a program to find and implement the Chinese Remainder Theorem.