Additional Lab Questions (IS)

1. Write a program to implement RSA Algorithm and demonstrate the encryption and decryption of the data.
2. Write a program to implement Euclidian Algorithm to find GCD of two numbers.
3. WAP to design a module for Shift Operation used in AES Algorithm.
4. WAP to implement Diffe-Hellman Key Exchange Algorithm.
5. WAP to find the given number is prime or not.
6. WAP to implement Formats Theorem to test a given number is prime or not.
7. WAP to implement Euler's Theorem to find given numbers (two numbers) are relatively prime or not.
8. WAP to find the Totient Value of a given number.