

Assignment 7: RSA

Due Date: by date specified in D2L

Write a program to solve RSA. Use either Java, C#, or “VERY DETAILED” pseudocode. Take input for p , q , e , the number to encrypt and the number to decrypt

The program will output the following:

n , totient of n , d , cypher text (after encrypting the plain text), and the plaintext (after decrypting the cypher text)

You are **NOT** to implement the built in RSA algorithm; you are to write the algorithm yourself. I.e., don't just include bouncy castle.

You can use Pow (must use the Big Integer to use it).