[Tutorial on GMP (colorado.edu)](https://home.cs.colorado.edu/~srirams/courses/csci2824-spr14/gmpTutorial.html)

[Integer Functions (GNU MP 6.2.1) (gmplib.org)](https://gmplib.org/manual/Integer-Functions)

[RSA Algorithm Implementation in C – Techie Delight](https://www.techiedelight.com/rsa-algorithm-implementation-c/#:~:text=RSA%20is%20an%20asymmetric%20cryptographic,can%20be%20given%20to%20anyone.) (REMOVED Afterwards)

Graphical user interface, text, application

Description automatically generated

[In RSA cryptosystem, we generally take 1024 bits long prime numbers p and q. Is any problem if we take 512 bits long prime numbers p and q? (researchgate.net)](https://www.researchgate.net/post/In_RSA_cryptosystem_we_generally_take_1024_bits_long_prime_numbers_p_and_q_Is_any_problem_if_we_take_512_bits_long_prime_numbers_p_and_q#:~:text=of%20Technology%20Raipur-,In%20RSA%20cryptosystem%2C%20we%20generally%20take%201024%20bits,prime%20numbers%20p%20and%20q.)

Why is e = 1 is unsafe, as it is very easy to reverse engineer

[security - Why is this commit that sets the RSA public exponent to 1 problematic? - Stack Overflow](https://stackoverflow.com/questions/17490282/why-is-this-commit-that-sets-the-rsa-public-exponent-to-1-problematic#:~:text=1%20is%20a%20bad%20choice,opposite%20of%20what%20we%20want.&text=This%20is%20a%20Python%20fragment,RSA%20key%20with%20e%20%3D%201%20.&text=So%2C%20if%20e%20%3D%201%20%2C,have%20c%20%3D%20m%20mod%20N%20.)

why RSA is used for stream instead of block

[Can RSA (theoretically) be used as a block cipher? - Cryptography Stack Exchange](https://crypto.stackexchange.com/questions/32916/can-rsa-theoretically-be-used-as-a-block-cipher)