

big_integer_Library (C++)

Features-

1. Addition -> +
2. Subtraction -> -
3. Multiplication -> *
4. Division -> /
5. Modulo -> %

Math Functions-

1. Factorial(n)
2. Gcd(a,b)
3. Lcm(a,b)
4. Pow(x,n)

How to use -

- Step 1
 - To make submissions on online judges (Codechef,Codeforces etc) ->
 - Copy the code from [bigint.h](https://github.com/utsavchab/bigIntegerLib/blob/main/bigint.h) (<https://github.com/utsavchab/bigIntegerLib/blob/main/bigint.h>) and paste it in you solution file.
 - To use it locally ->
 - Clone this repository and place [bigint.h](https://github.com/utsavchab/bigIntegerLib/blob/main/bigint.h) (<https://github.com/utsavchab/bigIntegerLib/blob/main/bigint.h>) in same path as of your project.
 - Just you wanna add these two lines at the start of your file.
 - `#include "bigint.h"`
 - `using namespace MathFunctions`
- Step 2
 - Now we can use all of the above features for Big integers.

Declarations and Initializations ->

[illegible]

Arithmetic Operations ->

[illegible]

Math Functions ->

[illegible]