Data Strictes + Also

Design a class - represent integers Lof any number of digits.

Int: 4 bytes long: 8 bytes

-123

Big Integer operations

add, sub, muet, div

compae

get # of digits

fix # of fire each digit occurs

Reposet

Array/List/Vector

Imped list

String

123

Encopsulation/information hiding

0)1/2/3

Programman bool

1/2/3

[-[2]3] "-[23" MSer

-123

7/8

Implementation 2 /nterface

Fibonacci segure

0,1,1,2,3,5,8,13...

 $fb(n) = \begin{cases} 0 & \text{if } n=0\\ 1 & \text{if } n=1\\ f(b(n-1) + f(b(n-2)) \end{cases}$