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CS 1400

* int numer
* int denom
* Fraction constructor (int x, int y)
  + numer = x;
  + denom = y;
* Fraction constructor ()
  + numer = 0
  + denom = 1
* print method
  + reduce method
  + if (numer < 0 and denom <0 or denom < 0)
    - numer \* -1
    - denom \* -1
  + print (numer/denom)
* print as double method
  + reduce method
  + double number = (double) numer/ double(denom)
  + if (denom = 0 and numer = 0
    - print indeterminate
  + else if (denom = 0)
    - print infinity
  + else
    - print number
* Add fraction method (Fraction stuff)
  + numer = (denom \* stuff numer ) + (numer \* stuff denom)
  + denom = (denom \* stuff denom)
  + reduce method
  + return
* Multiply fraction method (Fraction stuff)
  + numer = numer \* stuff denom
  + denom = denom \* stuff denom
  + reduce method
  + return
* reduce method
  + int numera = numer, denomi = denom, largest
  + if (numer < 0)
    - numera = -numer
  + if (numera > denomi)
    - largest = numera
  + else
    - largest = denomi
  + int greatest common denom
  + for ( int i = largest; i >=2; i --)
    - if ( numer % i == 0 and denom % i == 0)
      * gcd = i
      * break
  + if (gcd != 0)
    - numer / gcd
    - denom / gcd